

Date Book
1934

Counting-House Calendar 1934

	JAN.							FEB.							MAR.							APR.							MAY							JUNE							JULY							AUG.							SEPT.							OCT.							NOV.							DEC.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.		Su.	Mo.	Tu.	We.	Th.	Fr.

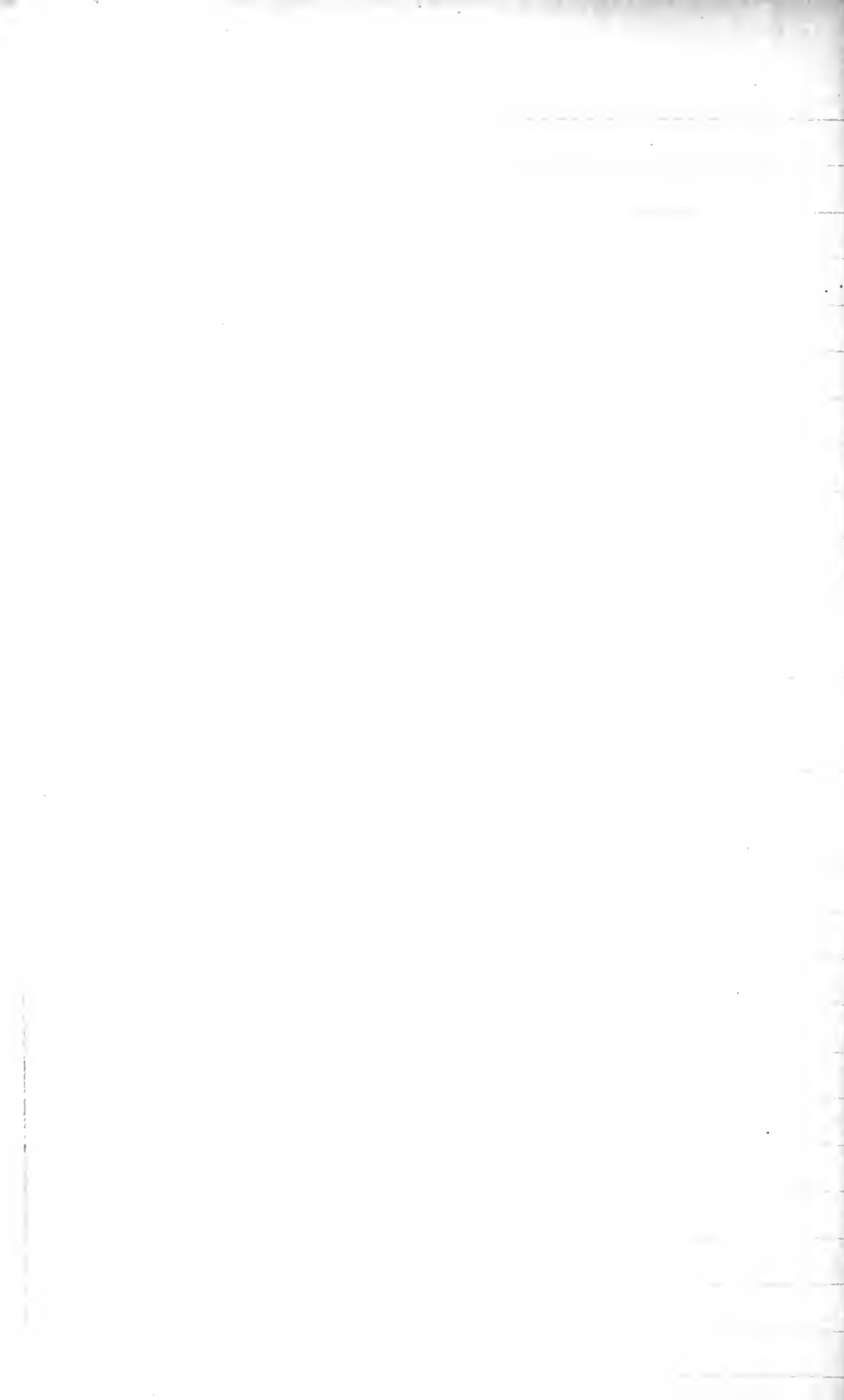
THE YEAR

1934



8012

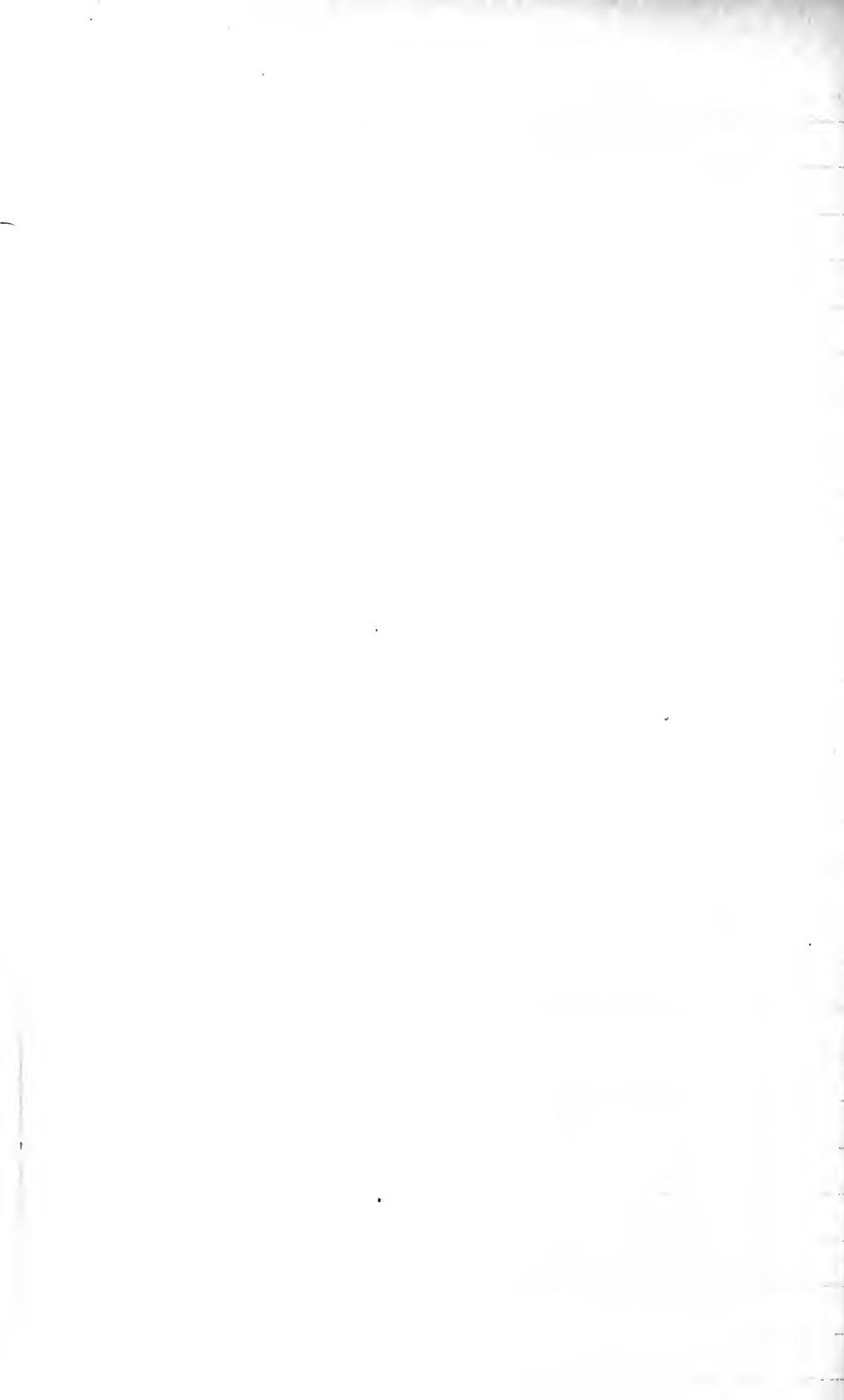
Digitized by the Internet Archive
in 2010 with funding from
Balboa Park Online Collaborative



A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y
Z



C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y
Z



E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

Y

Z

G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y
Z

I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y
Z

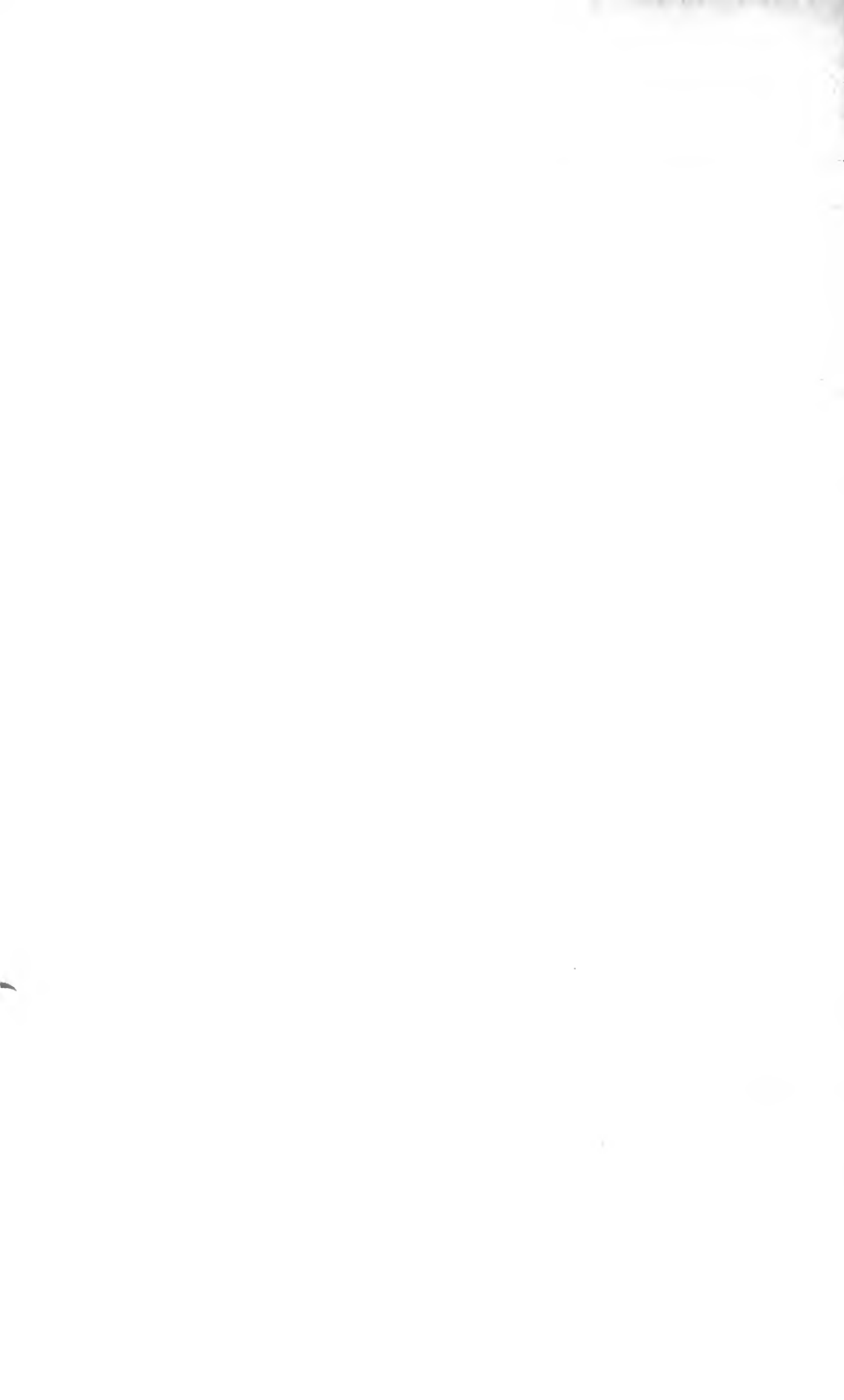
K
L
M
N
O
P
Q
R
S
T
U
V
W
Y
Z

M
N
O
P
Q
R
S
T
U
V
W
Y
Z

O
P
Q
R
S
T
U
V
W
Y
Z



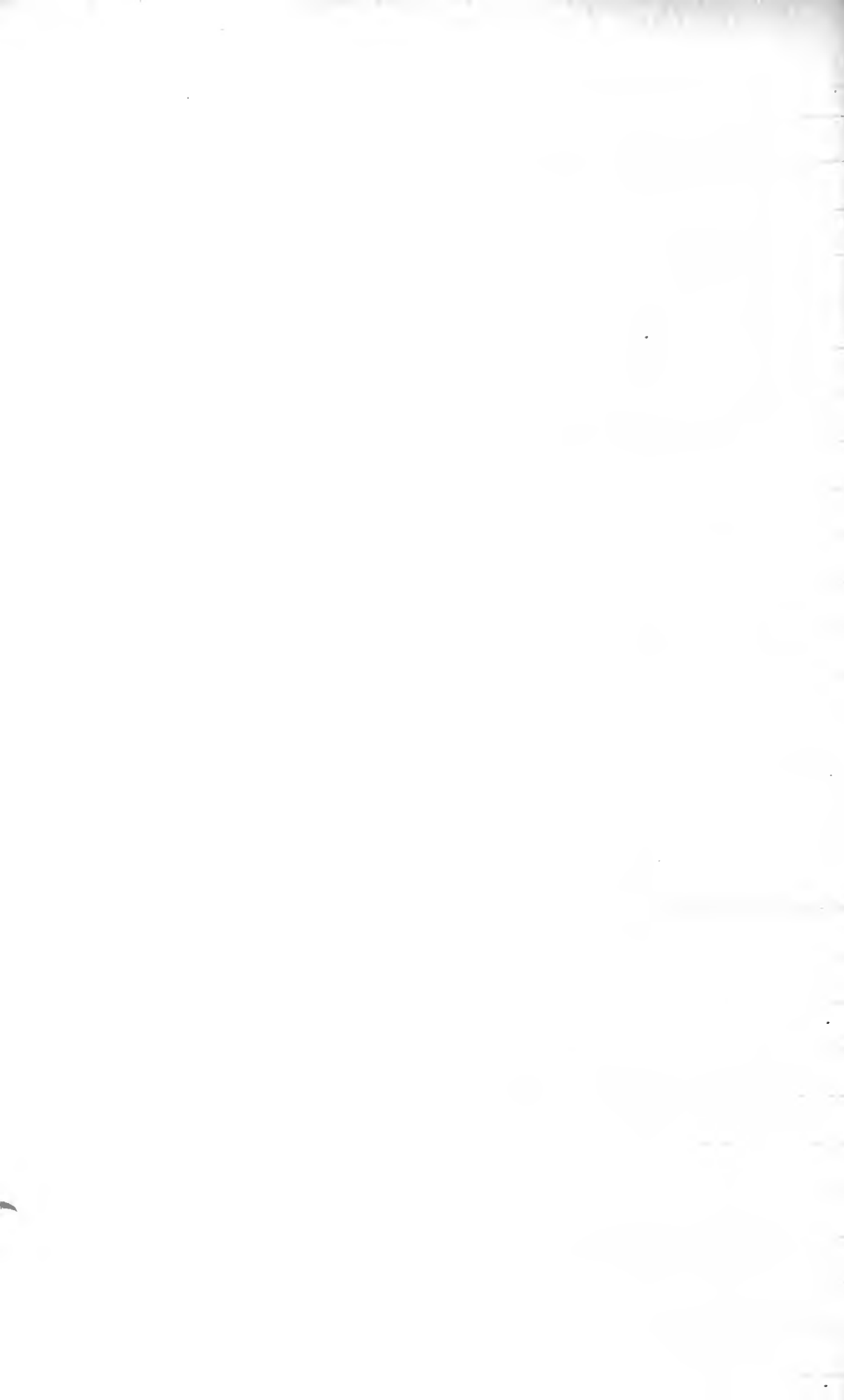
Q
R
S
T
U
V
W
Y
Z



S
T
U
V
W
Y
Z



U
V
W
Y
Z



W
Y
Z



MONDAY, JANUARY 1, 1934

1st
Day

Happy New Year

364 Days
to come

Still too sick to work. Made
a few labels and punched latest
specimens.

Read Anthony Adverse and listened
to the Stanford - Columbia game.

Talked to the SD herp. society
tonight; about 30 present;
Snakes of S.D. County.

Records from Berry Campbell's Arizona paper
Pena Blanca Spring.

Scaphiopus hammondi
Bufo alvarius
Bufo punctatus
Hyla arenicolor
Gastrophryne texensis
Rana pipiens
Rana tarahumarae
Hyssiglena ochrochynchus
Thamnophis eques
Trimorphodon cyrophanes
Knisternon sonorense

Miller Canyon, Huachuca.

Bufo debilis
Rana pipiens
Thamnophis eques
Oxybelis microphthalmus
Crotalus lepidus

Walker Canyon

Hyla arenicolor
Patagonia

Trimorphodon cyrophanes
Hyla arenicolor.

WEDNESDAY, JANUARY 3, 1934✓

3rd
Day

362 Days
to come

In a letter from Harold Woodall
Oreganus and *scutellatus* from
a ranch 20 mi. N. of Mohave.

Trimorphodon from Silverado
Canyon, Orange Co., 31 dorsal, 14
caudal blotches. Anal entire.

Worked on the annual list
tonight.

Patagonia (continued) *G. texensis*
 $\frac{1}{2}$ mi. NW Miller Peak, Huachuclas

Hyla eximia

Sonora

Rhinocheilus lecontei

Nogales

Terrapene ornata.

THURSDAY, JANUARY 4, 1934

4th
Day

361 Days
to come

Drove out to Rose Canyon and back — a clear warm day. First time over the new atlantic street boulevard. 16 miles. Nothing seen

Cook worked this morning.

Still too sick to take much interest in the proceedings.

FRIDAY, JANUARY 5, 1934✓

5th
Day

360 Days
to come

Cook worked part of the day,
and finished practically everything
in sight.

Out to dinner tonight.

SATURDAY, JANUARY 6, 1934

6th
Day

Epiphany

359 Days
to come

Cook came back today
and worked in the morning
clearing up odds and ends

Worked by fits and starts
all day; too sick to do anything
but more or less mechanical
work.

SUNDAY, JANUARY 7, 1934

7th
Day

358 Days
to come

Worked on and off all day
when not feeling too rotten; brought
the 1933 tabulations up to date,
finishing the table for the year.

MONDAY, JANUARY 8, 1934

8th
Day

Battle of New Orleans

357 Days
to come

Recd today from the NH Museum
a worm snake from Mission Valley.

Recd from Grand Canyon Museum
2 rattlers for examination.

Gull bladder photos today

TUESDAY, JANUARY 9, 1934✓

9th
Day

356 Days
to come

more X-rays today

Sick tonight.

WEDNESDAY, JANUARY 10, 1934

10th
Day

355 Days
to come

Still more X-ray; stomach
series.

THURSDAY, JANUARY 11, 1934

11th
Day

Alexander Hamilton—Born 1757

354 Days
to come

Sick tonight

FRIDAY, JANUARY 12, 1934

12th
Day

353 Days
to come

Felt like working tonight
for the first time in weeks
and did some work in the
rattle.

Last X-rays today.

Union called up tonight
and said there was an AP
dispatch on the wire to the effect
that Jackley in Pierre had sent
me 750 rattlers.

SATURDAY, JANUARY 13, 1934 ✓

13th
Day

352 Days
to come

Pretty sick to day but nevertheless made some progress on the rattle problem. The rattle write-up is now finished in all major particulars. Some work remains to be done on the figures - also the conclusions.

Went to Natural History annual meeting at noon.

Recd from Perkins a worm-snake from Mission Valley.

SUNDAY, JANUARY 14, 1934~

14th
Day

351 Days
to come

Felt somewhat better today, at least up to evening and got quite a bit of work done. Pickled 5 snakes. Studied a lot of rattles - rattle matrices - to make sure of the method of slipping back.

Movie tonight.

Born at the zoo today a brood of lucasensis.

- 1 alive
- 3 well formed but dead
- 1 badly formed
- 6 infertile eggs.

MONDAY, JANUARY 15, 1934 ✓

15th
Day

350 Days
to come

Read over rattle section tonight
and made further amendments

TUESDAY, JANUARY 16, 1934 ✓

16th
Day

349 Days
to come

Recd 96 rattlers from Jackley.

They finally decided I have
Stamoeba hystolytica.

WEDNESDAY, JANUARY 17, 1934^V

17th
Day

Benjamin Franklin—Born 1706

348 Days
to come

Started treatment.

THURSDAY, JANUARY 18, 1934✓

18th
Day

347 Days
to come

Sick in bed all day -
combination of ameba, arsenic
and cold.

FRIDAY, JANUARY 19, 1934 ✓

19th
Day

Robert E. Lee—Born 1807

346 Days
to come

Sick in bed most of today.

SATURDAY, JANUARY 20, 1934

20th
Day

345 Days
to come

Did a few little odd jobs
today. Not feeling well enough
for anything else.

Wrote a brief note for Copeia
re Oreganus in New Mexico.

SUNDAY, JANUARY 21, 1934 ✓

21st
Day

Stonewall Jackson—Born 1824

344 Days
to come

Nothing done today ; no pep.

MONDAY, JANUARY 22, 1934

22nd
Day

343 Days
to come

no prep.

TUESDAY, JANUARY 23, 1934

23rd
Day

342 Days
to come

No pep.

WEDNESDAY, JANUARY 24, 1934\

24th
Day

341 Days
to come

Started arsenic treatment again.

THURSDAY, JANUARY 25, 1934 ✓

25th
Day

Conversion of St. Paul

340 Days
to come

Still treating; cant work nights.

FRIDAY, JANUARY 26, 1934 ✓

26th
Day

339 Days
to come

Nothing done tonight

SATURDAY, JANUARY 27, 1934

27th
Day

338 Days
to come

Today went over the rattle section once more it having been copied throughout.

Also started "Annotated list of the Amphibians and Reptiles of the Southern Border of California". to be mimeographed for the Reptile Club. Overhauled especially the common names.

Still taking dope - quite unpleasant.

SUNDAY, JANUARY 28, 1934

28th
Day

Septuagesima Sunday

337 Days
to come

Worked on rate case all day.

Paul DR Ruttling called late in the afternoon. Talked reptiles, and Mexico and had a very interesting visit. He told me of catching *C. polystictus* in the tules of Lake Chapala in June. They were very plentiful far out in the lake. Took refuge in the water when hunted.

MONDAY, JANUARY 29, 1934 ✓

29th
Day

William McKinley—Born 1843

336 Days
to come

Getting ready for rate case ; too
tired for work tonight.

TUESDAY, JANUARY 30, 1934

30th
Day

335 Days
to come

Rate case all day.

Ruthling called tonight. Talked
Mexico. The polystictus were collected
Aug. 21 1919. About 20 to 25 were seen.

WEDNESDAY, JANUARY 31, 1934

31st
Day

334 Days
to come

Rate Case all day
Feeling very bad tonight. Missed
medicine - first time since Jan 24

THURSDAY, FEBRUARY 1, 1934

32nd
Day

333 Days
to come

Rote case all day

Bad tonight.

Cook called and talked over
his Sonora trip.

Another lot of confluentus arrived
from South Dakota today.

FRIDAY, FEBRUARY 2, 1934

33rd
Day

Purification

332 Days
to come

Very sick this AM and in fact all night. Had to get the doc at 4 AM. Two docs at 10 AM and one again in the afternoon. Better in the evening but all in.

Missed v. pills today.

SATURDAY, FEBRUARY 3, 1934 ✓

34th
Day

331 Days
to come

In bed all day, but feeling better.

Ruthling left today.

Recd a copy of Wrights handbook
on toads and frogs.

Spasm again tonight - bad night - Had

Dr. Reddings

no arsenic pill tonight

SUNDAY, FEBRUARY 4, 1934

35th
Day

Sexagesima Sunday

330 Days
to come

Very wet this morning.

MONDAY, FEBRUARY 5, 1934 ✓

36th
Day

329 Days
to come

in bet

TUESDAY, FEBRUARY 6, 1934✓

37th
Day

328 Days
to come

In bed. Spasm last night.
Started emetine treatment.

WEDNESDAY, FEBRUARY 7, 1934

38th
Day

327 Days
to come

In bed. Spasm last night.

THURSDAY, FEBRUARY 8, 1934~

39th
Day

326 Days
to come

In bed. Spasm last night.

FRIDAY, FEBRUARY 9, 1934 ✓

40th
Day

325 Days
to come

In bed. No spasm last night.

SATURDAY, FEBRUARY 10, 1934

41st
Day

324 Days
to come

hw bed .

SUNDAY, FEBRUARY 11, 1934

42nd
Day

Quinquagesima Sunday

323 Days
to come

In bed

MONDAY, FEBRUARY 12, 1934

43rd
Day

Abraham Lincoln—Born 1809

Georgia Day (Ga.)

322 Days
to come

In bed

TUESDAY, FEBRUARY 13, 1934

44th
Day

Shrove Tuesday—Mardi Gras Day (Ala., Fla., La.)

321 Days
to come

In bed

WEDNESDAY, FEBRUARY 14, 1934

45th
Day

St. Valentine's Day—Ash Wednesday (Lent Begins)

320 Days
to come

In bed. Up for a couple of hours

THURSDAY, FEBRUARY 15, 1934✓

46th
Day

Battleship Maine Destroyed 1898

319 Days
to come

Up for a short time today.

FRIDAY, FEBRUARY 16, 1934_y

47th
Day

318 Days
to come

Up all day.

C. oregonus locality from Feb 1934
Yosemite Nature Notes: Chowchilla
Mountain Ranger Station 6600 ft.

SATURDAY, FEBRUARY 17, 1934 ✓

48th
Day

317 Days
to come

Feeling better today. - no work.

SUNDAY, FEBRUARY 18, 1934 4

49th
Day

First Sunday of Lent (Quadragesima)

316 Days
to come

Catching up with odds and ends.

MONDAY, FEBRUARY 19, 1934~

50th
Day

315 Days
to come

Feeling better; down to work.

TUESDAY, FEBRUARY 20, 1934

51st
Day

314 Days
to come

Rate case on

WEDNESDAY, FEBRUARY 21, 1934 ✓

52nd
Day

313 Days
to come

Rate case. Still improving.

THURSDAY, FEBRUARY 22, 1934 v

53rd
Day

George Washington—Born 1732

312 Days
to come

Miscellaneous work to catch
up.

FRIDAY, FEBRUARY 23, 1934

54th
Day

311 Days
to come

Recd today from Cannon a
small California King from
Fletcher Hills.

SATURDAY, FEBRUARY 24, 1934

55th
Day

St. Matthias

310 Days
to come

Worked at the office in the
morning
Counted scales in the afternoon

SUNDAY, FEBRUARY 25, 1934~

56th
Day

Second Sunday of Lent

309 Days
to come

Miscellaneous work. Family well
caught up.

MONDAY, FEBRUARY 26, 1934 ✓

57th
Day

308 Days
to come

not feeling good, again.
Recd specimens from Parkinson

TUESDAY, FEBRUARY 27, 1934

58th
Day

307 Days
to come

Feeling poorly. Rec'd specimens
from Lloyd.

WEDNESDAY, FEBRUARY 28, 1934

59th
Day

306 Days
to come

Went out to Terrinitos. a clear
warm day. 76 miles. Nothing
seen.

THURSDAY, MARCH 1, 1934 ✓

60th
Day

305 Days
to come

Worked a little while on S.D. —
Imperial list.

FRIDAY, MARCH 2, 1934

61st
Day

Texas Independence Day

304 Days
to come

Cook returned today from Sonora
Wrote up the snakes of the list.

SATURDAY, MARCH 3, 1934

62nd
Day

303 Days
to come

Worked this morning on the
Southern border list. Also
miscellaneous catching up.

Too tired to work in the afternoon

Cook started work in the basement
today.

Tried to get Cook's sidewinder
to rattle; no luck.

SUNDAY, MARCH 4, 1934✓

63rd
Day

Third Sunday of Lent

302 Days
to come

Worked on the list in the morning,
and afternoon. Practically finished
the first draft.

Counted the ventrals on 34 young
South Dakota confluentus

MONDAY, MARCH 5, 1934~

64th
Day

301 Days
to come

Attended meeting of the reptile club. Saw another iron snake from Mission Valley and a Pacific garter from San Pasqual (DOR)

Cook worked all day

TUESDAY, MARCH 6, 1934✓

65th
Day

300 Days
to come

Milked 44 South Dakota
confluentus this morning.

WEDNESDAY, MARCH 7, 1934

66th
Day

St. Thomas Aquinas

299 Days
to come

Milked 54 South Dakota
confluentus this morning.
Left for Los Angeles at 3 P.M.
A warm day. Coast route. Nothing
seen. 55 miles in the country.
Cook worked all day today.

THURSDAY, MARCH 8, 1934

67th
Day

298 Days
to come

Returned from Los Angeles this afternoon, starting at 1³⁰. A warm day.

1 Small gopher DOR at San Clemente.
Grass saved specimen

1 Pacific rattlesnake large DOR at
Rose Canyon. Grass.

53 miles in the country.

Stopped for a few moments at Laguna and saw Perkins - Artran was not home.

Gave me a batrachoseps from Laguna. Also had a ring-neck from the same place.

Told me they had collected ulzer and mitchellii lately within a few miles of Capistrano Hot Springs. Exact locality later.

Cooked worked all day today.

This morning at 10³⁰ started on an inspection trip, with Claude Brown. It was very hot in the back country and uncomfortably warm at the coast. Went via Broadway Extension, Spring Valley, north via Grossmont, El Cajon, Santee, Foster, Ramona, San Pasqual, Escondido, Oceanside via Vista, San Luis Rey, Bonsall Bridge, returned to Oceanside on North Side of River. Here Brown caught the train. Returned to S.D. via coast highway, arriving at 4³⁰.

135 miles

- 1 Garter ^{DOR} med grass Chollas Hts
- 1 Gopher ^{DOR} small grass Riverview. Saved
- 1 Patchnose med DOR San Pasqual Brush.
- 2 Pac. garters L DOR do Grass-River
- 1 Garter M DOR do Brush.
- 1 Red racer. Lost on L. Ronnsees

Brush. Was crossing the road.

Raised his head and stopped to look at us from the edge. Was grayish with a black head.

Cross bars in evidence

Saw quite a few lizards and 1 dead horned toad. Cook worked all day.

SATURDAY, MARCH 10, 1934

69th
Day

296 Days
to come

Cook worked a short time this morning and cleaned up as far as possible.

Dr. Mosauer called on the phone.

Worked all day today and evening on miscellaneous work and records.

SUNDAY, MARCH 11, 1934

70th
Day

Fourth Sunday of Lent (Mid Lent)

295 Days
to come

Worked all day on miscellaneous records. Pickled a few specimens. There is certainly no time for research and writing when the spring material has begun to come in.

Out to junction tonight.

MONDAY, MARCH 12, 1934 ✓

71st
Day

294 Days
to come

Meeting of Fellows, Nat. Hist. Soc.
tonight.

Valero III returned today.

TUESDAY, MARCH 13, 1934

72nd
Day

293 Days
to come

El Cajon Rotary Club this
noon. A clear warm day.
Out via Broadway extension;
return via Fletcher Hills.

- 1 Garter med DOR Chollas ~~the~~ Grass
- 1 Gopher med DOR Spring Valley do
- 1 Gopher Small DOR Fletcher Hills do

Out tonight.

WEDNESDAY, MARCH 14, 1934 ✓

73rd
Day

292 Days
to come

Received today a few specimens from the Velero expedition, mostly in bad condition.

THURSDAY, MARCH 15, 1934

74th
Day

291 Days
to come

Red from Cannon the remains
of a Pacific Rattlesnake from Fletcher
Hills.

Went to a meeting at Edgemoor
Farm, Santee. Out via Broadway;
back via Fletcher Hills. 1 gopher
small, DOIR at Windsor Hills.
Grass. 3 or 4 miles.

Out tonight to dinner and
lecture.

FRIDAY, MARCH 16, 1934

75th
Day

290 Days
to come

Recd today a juvenile Pacific
Rattlesnake from Ted Myers from Calavo.

Worked in the basement for a short
time this evening.

SATURDAY, MARCH 17, 1934

76th
Day

St. Patrick's Day

289 Days
to come

Went out to Scuppie's Institution
to hear M^r Ewen lecture on the
Coefficient of Racial likeness. Very
interesting and quite along the lines
of recent studies. Bailey along -
a fine clear morning. 288 miles
2 Gophers L DOR Grass Moreno
1 Oreganus M DOR " La Jolla
2 Gopher S DOR " Pac. Beach

Spent most of the afternoon
cleaning up in the basement.
Also started working over "head length"
section of the rattle paper in the
light of additional knowledge of
statistics, particularly dispersion.
Also taking advantage of added
material since work originally
done.

Company in the evening - Kuhns.

SUNDAY, MARCH 18, 1934✓

77th
Day

Fifth Sunday of Lent (Passion Sunday)

288 Days
to come

Still working on head-length.
Pickled a few specimens in the
afternoon.

Discovered this afternoon that
mittchellii from the Cape is clearly
a valid subspecies based on head
size. Always thought this looked
queer but never appreciated the
extent of the difference until I
examined the Cape material brought
in by Lewis last summer.

MONDAY, MARCH 19, 1934

78th
Day

287 Days
to come

Today Cannon showed me the head of a large red racer killed at Fletcher Hills. Recd from the Sun Office a large boa caught (so it was said) in the office. Recd a large red rattler from Gander caught at Camp Kearney. Preserved this one.

TUESDAY, MARCH 20, 1934 ✓

79th
Day

286 Days
to come

Worked on rate case all day.
Too tired to do anything at night.
Recd today a large Pacific
Rattler from Cannon, Fletcher Hills.

WEDNESDAY, MARCH 21, 1934✓

80th
Day

First Day of Spring

285 Days
to come

Rate case all day. Worked
in the evening.

THURSDAY, MARCH 22, 1934~

81st
Day

284 Days
to come

Working on the rate case today
Millikan lecture tonight. (no ~~last~~^{next}
night.) Movie tonight

FRIDAY, MARCH 23, 1934[✓]

82nd
Day

283 Days
to come

Working on rate case all day.
millikan lecture tonight.

SATURDAY, MARCH 24, 1934

83rd
Day

282 Days
to come

Worked on the rate case all day.

Cook caught a ring neck and a spotted night snake on the road from Poray to Ramona, about 8 mi East of Poray Corner.

He says that the way to catch utas and silvery footless lizards under debris on the beach is to turn over boards and rubbish and then scabble the sand below with a stick. They are not usually on the surface below the board.

SUNDAY, MARCH 25, 1934 ✓

84th
Day

Sixth Sunday of Lent (Palm Sunday)
Annunciation Maryland Day

281 Days
to come

Worked on rate case matters
all day today.

This evening outfitted Phil for
a trip to Boulder Dam and Death
Valley.

MONDAY, MARCH 26, 1934 ✓

85th
Day

280 Days
to come

Philip and Jack started on their trip this morning

Worked on the rate case tonight.

TUESDAY, MARCH 27, 1934

86th
Day

279 Days
to come

Trouble at Sta B tonight.

WEDNESDAY, MARCH 28, 1934✓

87th
Day

278 Days
to come

Rate case work tonight

THURSDAY, MARCH 29, 1934~

88th
Day

Maundy Thursday

277 Days
to come

Worked on rate case tonight

(March 30th Continued)

Stephensi crossing the road at 6²⁵
P.M. 6½ mi SW of Ballarat in the
Panamint Valley.

17 mi E of Inyo Kern - large chuck
and utas

Horned toad, callie's and sidewinder,
14 mi. E. of Inyo Kern.

Longnose saved at Inyo Kern

Large gopher DOR at at highway
junction 4 mi W. of Inyo Kern

Patchmore DOR 8 mi. N. of Ricardo, Kern Co

Callie's and Uta's at Red Rock Canyon
Sidewinder, DOR. Neuralia, Kern Co

FRIDAY, MARCH 30, 1934✓

89th
Day

Good Friday

276 Days
to come

Recd today from Cannon a large
Oreganus Killed at Fletcher Hills
Worked on the rate case tonight.

Philip returned from Death Valley tonight.
He reported the following specimens
in addition to those brought back and
therefore represented in the collection.

1 Gopher DOR Lake Hodges

1 " " Vista

1 " L " Box Springs, Riverside Co

1 Red Racer S.DOR Barstow.

Skellie's and arcutti seen at Perris
and Temecula.

Uta seen at South end Desert Range, Clarke
Co Nevada. (68 mi. from Vegas)

Utas and whips at SW end of
Spotted Range, Nye Co, Nev. (68 mi from ^{LV})

Utas, chuck and calley at SE end of
Specter Range, Nye Co. (77 mi from L. Veg.)

Utas at Beatty and Bullfrog

The Bullfrog stephensi was caught
crossing the road at 3 PM. Calley's seen
and utas shot.

Utas whips and chuck at Emigrant
Spring

Calley's at Ballarat.

(Continued on March 29)

SATURDAY, MARCH 31, 1934

90th
Day

Holy Saturday

275 Days
to come

Went over to the zoo this morning. Amongst other items got a boar from Gucaipa that had very distinct stripes like those from the narrows. The stripes are orange and highly irregular.

Was told of alligator lizards and boars mating yesterday; the latter in captivity.

Milked a few rattlers in the afternoon and did other misc. work.

SUNDAY, APRIL 1, 1934

91st
Day

Easter Sunday

274 Days
to come

Miscellaneous work all day
including pickling specimens
and scale counting on a few.

MONDAY, APRIL 2, 1934

92nd
Day

273 Days
to come

Reptile Club meeting tonight.
Talk by L.H. Cook. *Salvadora long-nose*
caught at Murray dam at 6⁴⁵ P.M.
Also a large *Rana catesbeiana*
caught in Sweetwater lake.

TUESDAY, APRIL 3, 1934✓

93rd
Day

272 Days
to come

Rate Case all day and tonight

WEDNESDAY, APRIL 4, 1934✓

94th
Day

271 Days
to come

Rate Case all day and tonight

THURSDAY, APRIL 5, 1934 ✓

95th
Day

270 Days
to come

Rate case all day and evening

FRIDAY, APRIL 6, 1934✓

96th
Day

United States entered the World War 1917
(Army Day)

269 Days
to come

late case all day and evening

SATURDAY, APRIL 7, 1934

97th
Day

268 Days
to come

Rate case all day and part y
evening.

SUNDAY, APRIL 8, 1934

98th
Day

Low Sunday

267 Days
to come

Miscellaneous reptile work to catch up this afternoon.

Perkins told me of another *Oreganus* caught just above the high tide line at Bird Rock. Cook found one in the wet sand at Aztec City last week.

MONDAY, APRIL 9, 1934

99th
Day

266 Days
to come

Rate case studies today. Bed
early tonight
Recd today a large Ring-neck
from Harry Elfers San Diego.

TUESDAY, APRIL 10, 1934✓

100th
Day

265 Days
to come

Rate case all day and evening.

WEDNESDAY, APRIL 11, 1934

101st
Day

264 Days
to come

Rate case all day and evening

THURSDAY, APRIL 12, 1934✓

102nd
Day

Halifax Independence Resolutions (N. C.)

263 Days
to come

Rate case all day Movie in evening

FRIDAY, APRIL 13, 1934

103rd
Day

Thomas Jefferson—Born 1742

262 Days
to come

Philharmonic concert this evening x

SATURDAY, APRIL 14, 1934 ♥

104th
Day

261 Days
to come

Miscellaneous cleaning up
in the morning; in the afternoon
wrote a short paper on *Phyllorhynchus*

SUNDAY, APRIL 15, 1934

105th
Day

260 Days
to come

Miscellaneous work in the morning.

Worked on the dispersion of head lengths today and made some progress.

Proved definitely that C. mitchellii pyrrhus is a perfectly good subspecies.

MONDAY, APRIL 16, 1934

106th
Day

259 Days
to come

Rate case tonight

Cook started work today, mostly
on Burt's returned material.

TUESDAY, APRIL 17, 1934

107th
Day

258 Days
to come

El Capin Rotary this noon. 25 miles
1 Cal King Small Grass DOR Cholla HB
1 Oreganus " " " Fletcher Hills

Cook worked all day - labeling,
counting etc.

WEDNESDAY, APRIL 18, 1934 ✓

108th
Day

257 Days
to come

Cook worked all day today.

THURSDAY, APRIL 19, 1934 ✓

109th
Day

Patriot's Day—(Mass., Maine)

256 Days
to come

Cook worked all day today. Pickled the large snakes. put away material loaned to Burt. Measured heads on Mitchell's.

Went out to La Jolla today and discussed the new theory or project for investigating the plasticity of key characters with Mr. Ewen, Sumner and Fox. They seemed to think there might be something novel and worth while here, at least they had not seen it done.

2 Gophers L DOR old Town Grass
1 Small Pacific La Jolla "
1 Med Gopher DOR La Jolla "(sawd).

FRIDAY, APRIL 20, 1934

110th
Day

255 Days
to come

Philip reports 1 Cal King med
DOR at Euclid and Broadway.

Cook finished in the basement.
Everything is pickled up to date
and all the recent material is
counted. He measured many
heads today.

Recd today from Harold
Woodall the counts on 17
scutes from Mohave desert.

Perkins trip to the desert:

Calif King	DOR	Lakeside	
Small Gophers	DOR	Witch Creek	
Yellow belly	alive	"	(Under feed trough)
2 Leaf noses	alive	County line	$90^{\circ} 7\frac{10}{12}$ and 7 $\frac{15}{12}$ P.M.
Geckos	4.4 and 10 mi. E. of	Beginning of pavement.	
Wta	at pavement end	at 103°	, 83°

SATURDAY, APRIL 21, 1934

111th
Day

Spanish American War Began 1898
Battle of San Jacinto (Texas)

254 Days
to come

Worked all day on rate case, and
part of evening.

SUNDAY, APRIL 22, 1934

112th
Day

253 Days
to come

Went to the zoo this morning.
Saw a young western yellow belly
that had changed to unicolor at the
tail while the anterior part of the
body was still blotched.

Mrs. Benchley agreed to
publish the County list. I worked
on it this afternoon.

MONDAY, APRIL 23, 1934✓

113th
Day

St. George

252 Days
to come

Rate case

TUESDAY, APRIL 24, 1934

114th
Day

251 Days
to come

Rate case

WEDNESDAY, APRIL 25, 1934 v

115th
Day

St. Mark

250 Days
to come

Rote case

Bogert writes he saw dead atrox
in Tehuquitz Canyon.

THURSDAY, APRIL 26, 1934 ~

116th
Day

Southern Memorial Day (Ala., Fla., Ga., Miss.)

249 Days
to come

Rate case all day and evening

FRIDAY, APRIL 27, 1934 v

117th
Day

U. S. Grant—Born 1822

248 Days
to come

" Rate case today. Lecture on
200 inch telescope tonight.

SATURDAY, APRIL 28, 1934

118th
Day

247 Days
to come

Rate case all day. Too tired to
work tonight.

SUNDAY, APRIL 29, 1934

119th
Day

246 Days
to come

Today went over the San Diego Imperial annotated list and handed it in to Mrs. Benchley.

Went over the ~~the~~ lutosus - stephensi problem again. Found the hemipenes quite different. Also the Cape and Arizona mitchellii different in their character. Had MVZ 10867 again for examination.

Recd today from Ray Cavell a large garter from Boulder Creek also some Triturus torosus.

MONDAY, APRIL 30, 1934

120th
Day

245 Days
to come

Rete case all day.
Recd a large Boyles Knife from
Cook taken 5 mi. NE of Lakeside.

TUESDAY, MAY 1, 1934

121st
Day

St. Philip and St. James

244 Days
to come

Rute case today. Hearings began again.

Recd today a small gopher from Benedict from La Mesa.

Rate Case. Worked tonight.

(May 2nd continued from May 15th)
at all. Gave her permanganate toward
the last.

Called on Harold Woodall at
Long Beach. Checked his Trimorphodon
from Silverado Canyon, Orange Co.
It seems to have the usual San Diego
coloration; dark brown with split
blotches. 31 body spots, 14 tail. Anal
entire. This was found in December,
saw it in a crack. Another from Black
Star Canyon was DOR and not saved.

Woodall told me that a man
named Kirby at Johnson's Long Beach
snake show was bitten by a big red
rattler (female). This had been milked
shortly before, but they didn't get
much. Evidently it was badly done.
He was bitten in front of the shoulder
so there was no chance to use a
tourniquet. Held on and chewed.
Both fangs entered. There were very
extensive swellings and ~~hemorrhage~~
hemorrhage. Antivenin was not used.
Suction was tried immediately. The crisis
was passed at 72 hrs. Still not completely
recovered after some weeks.

THURSDAY, MAY 3, 1934✓

123rd
Day

242 Days
to come

Rete case. Worked late tonight.

FRIDAY, MAY 4, 1934

124th
Day

241 Days
to come

Rate case. last hearing today for
a week

Outfitted Weiss for his trip tonight.
hog of Perkins' trip last night

		<u>miles</u>	<u>Time</u>	<u>Temp</u>
1 Garter	Sentadac Canyon	73.7	63 ²	84 ⁶
	also Hylas both kinds and Ranas.			
	Bridge	73.9		
	Pavement End	84.2	6 ⁵⁵	82
1 Leaf Nose	Caught	93.9	8 ²⁵	83
Gecko	"	94.6	8 ³⁰	83
1 Leaf Nose	"	94.7	8 ³³	83
Gecko	"	95.7	8 ³⁹	80
	County line	96.8	8 ⁴⁵	80
↳ Utas	under board	97.0	9 ⁰⁰	75
1 Side-winder	(at Service Sta)	97.0	9 ⁰⁰	75
1 Leaf Nose	Caught	99.4	9 ¹³	76
1 Leaf Nose	DOR	100.7	9 ²²	79
Gecko	Caught	102.3	9 ³⁵	79
"	"	106.8	10 ⁰⁷	80
"	"	107.4	10 ¹³	80
(Turned back at)	Pavement End	109.6	10 ²⁷	80
Gecko	Caught	116.4	11 ⁰⁰	79
(Filling station)	Turned here	119.1	11 ¹⁰	79
Gecko	"	128.4	11 ³⁵	79
End of Pavement		128.5	11 ³⁶	79
Rather cold; no moon.				

SATURDAY, MAY 5, 1934

125th
Day

240 Days
to come

Today went to the Zoo in the morning.
Saw several *Coleonyx* today from
the desert that were distinctly banded
just like coastal specimens.

Miscellaneous work to catch up
all day; mostly company work.

One of Perkins *Phyllorhynchus*
ate the tails off of 2 *Coleonyx* when
placed in the same can.

SUNDAY, MAY 6, 1934

126th
Day

Rogation Sunday

239 Days
to come

Worked today in head length
not only to correct previous work
but to practice use of formulas
recently studied.

Weiss returned from the country
tonight ; didn't get much.

MONDAY, MAY 7, 1934 ✓

127th
Day

Lusitania Sunk—1915

238 Days
to come

Outfitted Tony Green for a short trip to Lower California

Recd from Cannon a Pacific Rattlesnake from Black Mountain and a Boyles King from Fletcher Hills

Also a large Cal King from Van Read caught in his San Diego aviary.

Reptile Club tonight. Some interesting specimens shown.

The Calif. King was found to contain three young canaries.

TUESDAY, MAY 8, 1934

128th
Day

237 Days
to come

Went to El Cajon Rotary today.
1 Gopher S DOR Spring Valley grass
1 " L DOR Chollas Hts Brush.

30 miles

Heard from Geo Beddowski he
had collected a ~~boa~~ and worm snake
at Fernbrook.

WEDNESDAY, MAY 9, 1934^v

129th
Day

236 Days
to come

Recd a Boyles King from Cannon
Fletcher Hills.

THURSDAY, MAY 10, 1934

130th
Day

Confederate Memorial Day (N. C., S. C., Ky.)
Ascension Day

235 Days
to come

Out tonight.

(May 14th Continued)

noticeable amongst all the rest of the snakes. The molossus and tiger were said to have been taken 40 mi. NE of Phoenix, but he was not certain enough of this to take it as trustworthy. He had 2 or 3 large Texas atrox, noticeably darker than the Arizona specimens. Had a long nose, one very large bull snake (looked to be over 6 ft) and a number of Boyles' Kings said to have been taken in the vicinity of Phoenix. They are as large as any of our local snakes and have narrow light rings.

Evans says this is a poor year for both snakes and Gila Monsters: not many people are bringing them in. It is now too late to expect much. He gets all of his best specimens in early spring.

Stopped at Cactus Garden 8 mi. SE of Wickenburg but they had only 2 small atrox.

Started west from Wickenburg at 4³⁰. The country along the Hassayampa S. of Wickenburg looks good. Also the country immediately to the west
(Continued on May 10th)

FRIDAY, MAY 11, 1934

131st
Day

234 Days
to come

Out tonight

(May 19th Continued from May 10th)
with considerable cactus and yucca
looks good; much better than the brushy
plain all the way to Salome and beyond.
In fact all the way to the Colorado River
the country is uninteresting except
where passing through mountain ranges.

1 Patchnose DOR in the Pleomora mts
(8 mi. E. of Quartzite) Usual wide
stripe of the desert specimens. Had
just been run over. This was at 7¹⁵;
Sun not yet set. (mt. time).

At Blythe saw a small collection of
snakes at a service station. There were
2 large atrox and several smaller. These
are from Blythe and Ripley. Also a
gopher from Blythe. And a large mitch from
Palen mts, south end.

Coleonyx seen at Hopkins Well.

Sidewinder DOR at Hopkins Well. Saw
contained a bird.

Sonora DOR 11 mi. E. of Desert Center
(Chuckawalla Valley) Saved.

Sidewinder Small caught crossing the
road 5 mi. E. of Desert Center. 8³⁰ P.M.
(Continued on May 12)

SATURDAY, MAY 12, 1934

132nd
Day

233 Days
to come

Miscellaneous work on the collection today. Also worked on head-length dispersion late into evening.

Raw a warm snake that had shed. The imbrications are folded under same as in the live snake.

(May 19th - Continued from May 11)

Woodhouse's DOR at Mecca.

Cognates heard at Mecca, Arabia, Thermal, and Coachella. Also Indio.

One small gopher caught in the town of Coachella. This at 10¹⁰.

Arrived at Indio at 10¹⁵. 466 miles for the day.

A very disappointing day. Very few DOR snakes seen, showing the season is too far advanced. Will have to get out earlier to get to see the numbers run over that I have been told about.

SUNDAY, MAY 13, 1934 ✓

133rd
Day

Mother's Day

232 Days
to come

Worked all day on head length
despersein and finished this up much
better than it had been before. Worked on
this until 6 P.M.

MONDAY, MAY 14, 1934

134th
Day

231 Days
to come

A letter from Earl Saunders reports *Rhinocheilus lecontei* in mi e. of Mesa, Ariz. = Desert Wells.

(May 23^d Continued)

characteristic of the coastal snakes.

A California King from Laguna Beach has the vertebral stripe fairly regular, but the sides are mottled, spotted and cross-cross high up like a hybrid.

Arthur states King-necks will eat young of the same kind.

There were a number of Mitches from the Elsinore Mountains (San Juan Canyon) near the Orange - Riverside Co line. This was an unusually fine lot. Some were quite large; about as large as any I have seen from San Diego Co. They were also quite uniform in color; a beautiful burnt orange - different from anything previously seen. They were not exactly uniform but the largest especially were this color. The young ones were less specialized.

Rubens from San Juan and Trabuco Canyons seemed normal; one was a little light, like desert specimens.

There were a number of Boyle's Kings
(Continued on May 15)

TUESDAY, MAY 15, 1934

135th
Day

230 Days
to come

Rate case today.

(May 23^d Continued from May 14th)
from the vicinity of Laguna and these all
had noticeably narrow light rings, yellow
not white and as thin as eastern knjs.
A single specimen from Coachella was
in strong contrast, with wide white
stripes.

There was also a series of oregans
from Marysville Buttes all quite uniform
in color and pattern. All have white
faces and white patches at the angle of
the mouth. The green anterior color changes
to sharply contrasting black and gray
rings at the tail, and the last quarter
of the body.

I traded a koa for a small rattlesnake
from Fair Oaks, 20 miles east of Sacramento
and one of the mitches. The one previously
noted from Grass Valley is not the town
of Grass Valley, but a valley by this
name east of Sacramento.

Atran told me of a fatal case of
rattlesnake bite at Newman this year. A
15 year old girl. Was given 3 doses of
antivenin but died in 14 hours. The doctors
didn't seem to know how to handle the case
(Continued on May 2)

WEDNESDAY, MAY 16, 1934~

136th
Day

229 Days
to come

Rate case today.

THURSDAY, MAY 17, 1934

137th
Day

228 Days
to come

Talked to class at the Zoo
hospital on "Snakes" tonight.

Locality data from Astran 5-17-34

14 mitchellii

4 ruber

4 lateralis

1 hexalepis

These were taken on the San Juan
Hot Springs - Elanore Road 22 mi
by road from the coast at the
second public camp ground
(east bound). One mitch was
just inside the Orange County line.

C. c. oregonus.

Mariposa Buttes

Grass Valley (30 mi. E. of
Sacramento)

Fair Oaks (East of Sacramento)

FRIDAY, MAY 18, 1934

138th
Day

227 Days
to come

This evening at 6 started for Arizona with Phil: the first (and probably the last) real collecting trip of this season. It was clear and warm.

Nothing seen up to Vieja's where it was dusk. 32.5 mi. 7PM count there only in County record.

1 *Oreganus* L. DOR Brush rocks
near Oak Spring.

1 Small *P. decurtatus* caught crossing the road at Myers Creek Bridge.
mi. 86.4 Brush-desert. Warm with a hard wind blowing.

1 Gopher S. DOR Seeley 106.7 (Saved).

1 do do do 109.0

1 do do El Centro 112.1

1 do do Date City 126.0

(Date City at 128.5)

All of the above were in cultivated territory (i.e. gophers).

1 *B. alvarius* at Yuma.

Arrived at Yuma at 11³⁰. Fairly cool. No wind. Crescent moon.

Certainly poor luck for so much good territory. Not a colony seen.

Miles today 172.5

Put up at Sunshine Auto Court.

SATURDAY, MAY 19, 1934

139th
Day

226 Days
to come

Started from Yuma this morning at 7⁴⁵ P.T. Moderately warm.

Got a C.c. baileyi in the Mohawk Mts. (mark)

Dip. seen at Aztec.

Hunted for a short time in scattered black lava at Sentinel (2 mi. W). Caught 2 chucks here and saw several more. Got a C.c. baileyi. And saw calley.

Found a large Dip. DOR 6 mi. S. of Gillespie Dam. Saved.

Collared lizard and whip. seen at Gillespie Dam.

Small Boyle's King DOR at Arlington (this on a detour) Fields. Perfectly black and white. Tail is ringed. Head has more black than usual run of S.D. Co. specs. The stripes are even; the light are clear.

Nothing between here and Phoenix. Certainly a poor morning. Very few lizards were seen. Stopped at Hale's but could not see snakes as they were being fed. Got to Phoenix at P.M.

Called on C. Evans at his Cactus Garden. He had about 20 rattlers mostly atrox. There may have been one or two scutes amongst these. Had 2 molossus and 1 large tigris. usual small head very
(Continued on May 10)

SUNDAY, MAY 20, 1934.

140th
Day

Signing of Mecklenberg Declaration of Independence (N. C.)
Whitsunday (Pentecost)

225 Days
to come

Started this morning from Indio at 8¹⁵. Called on Gt Walker at Indian Wells. He was not home and had no specimens having shipped everything he had yesterday. His brother said it was hard to catch any this late.

~~Worm Snake~~
1 Chamaea bottle DOR Nightingale Ranch road junction.

Hunted briefly at Richwood. Utas and skellie's were plentiful. Granite and brush.

Utas at Burnt Valley (Camp Anza)
1 Gopher Small DOR Burnt Valley Brush.

Utas and skellie's seen at Anza and Cahulla.

Xantusia henshawi and C. wislizenii (DOR) in Cahulla Valley 7 mi NE of Aguanga.

1 longnose L DOR County line Brush.

1 Gopher M DOR Moretti's Grass (Ravine eating this)

3 Gophers S DOR Santa Isabel Grass

1 " S " Sutherland Brush.

Reached home at 2³⁰. Warm and pretty. Miles in the country ~~153~~⁶³; miles today 153; miles for the trip 793.

MONDAY, MAY 21, 1934

141st
Day

Lindbergh Landed in Paris, 1927

224 Days
to come

Bogert reports Hautenbrinks
Trimorphodon and *Phyllorhynchus*
from Travertine Rock as correctly
identified.

TUESDAY, MAY 22, 1934

142nd
Day

223 Days
to come

Earl Sanders writes the following
re Sidewinder ranges near Mesa, Ariz.
East of Mesa to foot of Superstition Mt
for about 23 mi.
Up Salt River to Stewart Mt. Dam about
25 mi NE.

no water
at
Stewart
Dam
{ To the SE along the desert to Florence
Inlet. thence S to Florence; S + SE of
Mesa to Casa Grande and the
territory between Casa Grande & Florence.

WEDNESDAY, MAY 23, 1934

143rd
Day

222 Days
to come

Started for Los Angeles at 5¹⁰;
a clear cool day.

- 1 Boyles King L DOR Moreno Grass
- 1 Gopher S DOR " " ("sawed")
- 1 Cal Racer L DOR Rose Canyon Grass
- 1 ? Couldn't identify " "
- 1 Longnose M DOR " Trees-grass
- 1 Gopher L DOR Del Mar Grass
- 1 Boyles King L DOR ^{Carroll} Incinitas Grass
- 1 Gopher L DOR " " " " " "
- 1 Gopher S DOR Leucadia Sand Hills - Beach
- 1 Gopher M DOR Oceanside Fields
- 1 Organes L DOR Stuart Grass
- 1 Red Racer L DOR " Fields
- 1 Gopher S DOR San Onofre Grass

53 miles to County line

1 Mixed King L DOR Corona del Mar

Stopped at Aitron and Perkins
Perpetarium at Laguna Beach,
seeing it for the first time. A clean
neat exhibit with a number of interesting
items as follows:

Patchnose from Laguna Canyon, 1
mile up. Usual coast phase.
Another from Piñon Flat was about
halfway between a coast and
desert specimen.

A red racer from Laguna had
the usual red color and dark head

May 14

THURSDAY, MAY 24, 1934

144th
Day

221 Days
to come

In San Francisco all day.
Saw Slevin for a few moments
between 5 and 6 and checked
Phylloschynchus.

FRIDAY, MAY 25, 1934

145th
Day

220 Days
to come

Arrived in Los Angeles on the
back this morning. Got the car
and drove over to see Weinberger.
He had a number of Louisiana
snakes - not much else of interest.
Had a fine collection of Oreganus
said to be from the Ridge Route. Some
were dark, others light like those
from the San Joaquin Valley. Gave
me 2.

Also saw Hantenbrinks material.
He had a nice lot of sidewinders
and atrox from Walker. Also a large
tan mitch said to have been taken
in Indio last August. Counted the
spots on his Phyllorhynchus from
Travertine Rock and found them to
measure 42. He did not have the
Trujiphodon; it had been loaned
to Bogert.

1 Red Racer L DOR Capistrano fields
(dark head)

1 Boyles King L DOR La Costa
Grass

53 miles in S.D. County. Reached
home at 2³⁰.

SATURDAY, MAY 26, 1934

146th
Day

219 Days
to come

Record from Schlanze. *T. marciatus*
1 mi. W. of Winterhaven. Adewinde
Andrade, Imp. Co.

Cook started work today.
Misc. cleanup.

Cook told me of a trip last week
got a mitch at Barrett dam
a gopher 2 mi W of Barrett
a Calif. King at Rescanos.

Zoo recd 65 rattlers from Aponte mans
fair. Of these I got 46 for pickling.
Milked all of them.

Noted today a *Bufo episcopa*
from Andrade without a vertebral
stripe. Was unicolor with the faint
ghost of a spot on the neck.

SUNDAY, MAY 27, 1934

147th
Day

Trinity Sunday

218 Days
to come

Cook worked all day. Finished counting *Phyllorhynchus*. Pickled all rattles in sight, including 26 from Washington.

MONDAY, MAY 28, 1934

148th
Day

St. Augustine of England

217 Days
to come

Hill and Bendowski of Los Angeles
called today.

Heard of a large match from
Temescal Canyon.

Cook worked all day

TUESDAY, MAY 29, 1934

149th
Day

216 Days
to come

Talked to a State College class
tonight on collecting zoological
literature, with exhibit of books.

Cook worked all day

WEDNESDAY, MAY 30, 1934

150th
Day

Memorial Day

215 Days
to come

my books out on exhibition
all day; quite a few visitors
inspected them.

Outfitted Perkins for his trip to
Clarion, Rocono etc.

Cook worked part of the day

THURSDAY, MAY 31, 1934

151st
Day

Corpus Christi

214 Days
to come

Assembled some data tonight

FRIDAY, JUNE 1, 1934

152nd
Day

213 Days
to come

Too tired to work tonight.

SATURDAY, JUNE 2, 1934

153rd
Day

212 Days
to come

Put away specimens this morning.
Met Capt. Hancock and some of the
men from the Velero today. Perkins
getting ready to leave tomorrow.

The sidewinders from the
vicinity of Mesa, Ariz. are distinctly
darker than those from the Colorado
desert.

Reported by Earl Sanders at
Mesa, Ariz.:

R. lecontei

a. E. occidentalis

S. semiannullata

P. browni.

SUNDAY, JUNE 3, 1934

154th
Day

Jefferson Davis—Born 1808
Confederate Memorial Day (Tenn.)

211 Days
to come

Left for San Francisco on
the afternoon train.

Pickled specimens this morning
including 19 *T. marcianus* born
on the way.

MONDAY JUNE 4, 1934

155th
Day

210 Days
to come

In San Francisco

TUESDAY, JUNE 5, 1934

156th
Day

St. Boniface

209 Days
to come

Returned from San Francisco
at noon.

WEDNESDAY, JUNE 6, 1934

157th
Day

208 Days
to come

Huey reports that the sidewinder
had eaten a California Yellow
Warbler (Dendroica aestiva knewsteri).

THURSDAY, JUNE 7, 1934

158th
Day

207 Days
to come

Tabulating tonight.

FRIDAY, JUNE 8, 1934

159th
Day

Feast of the Sacred Heart

206 Days
to come

Working on mitchellii calculations tonight.

GH Walker writes that the mitchellii seen at Hautenbrinks was taken at Indian Wells, 1 mile southwest of his ranch.

SATURDAY, JUNE 9, 1934

160th
Day

205 Days
to come

Counted some South Dakota
confluents in the afternoon.
Otherwise spent the afternoon
in tabulating and averaging
mitchellii. Made good headway

SUNDAY, JUNE 10, 1934

161st
Day

204 Days
to come

Spent the day on tigers and stephensi summaries and made good headway.

Finished counting the South Dakota juveniles. There now remain only about 50 adults to count and the entire South Dakota series will be complete.

Went to dinner at the Mc-Kays tonight. Took Mac. 10g. of lucasensis venom for his experimental work. Saw some tame hylas and watched them croak from a short distance. Saw one dead snake in the road going out but had no time to stop.

MONDAY, JUNE 11, 1934

162nd
Day

St. Barnabas

203 Days
to come

Lewis got in this morning.
He had the following:

74 lucasensis

20 mitchellii

6 Enyo

6 Racers from Modae Maria Isl

1 Tree Snake

1 Dromicis from Seymour Isl

5 Boas

1 small racer from the Cape.

There were said to have been 101 rattlers but I counted only 100. Lewis said it was very cold both at the Cape and at Cedros. At the latter place he did not stop. He stayed 2 weeks at the Cape (or made a trip up the gulf) while the rattlers were being collected. He said they had to be dug out. One man was badly bitten. 20 rattlers are to be sent to March. He evidently had word sent around that he didn't want racers or any other snakes but rattlers. He said one racer swam to the boat meaning I presume that it escaped from one of the boats bringing out rattlers for sale. One quayaquil snake died enroute.

TUESDAY, JUNE 12, 1934

163rd
Day

202 Days
to come

Yesterday I started Mrs. Elizabeth Leslie of the SERA on tabulating work.

Received today a lot of lizards from Spain.

Went over the Lewis rattlers today and took 5 small lucasensis and one very thin adult which was in bad shape. This one died before I got it home. Many seem to be unusually thin as if in captivity for some time.

Recd yesterday from Cannon & yearling Oreganus from Fletcher Hills.

WEDNESDAY, JUNE 13, 1934

164th
Day

St. Anthony

201 Days
to come

Worked this evening on
the rattler record sheets, preparing
for summarizing

THURSDAY, JUNE 14, 1934

165th
Day

Flag Day

200 Days
to come

listened to the Baer - Camera
Fight and rearranged material.
Cook got 2 red rattlers at
Glen Honey
Perkins returned from Clarion
this evening
Phil returned from Stanford
at midnight

FRIDAY, JUNE 15, 1934

166th
Day

Pioneer's Day (Idaho)

199 Days
to come

Mus. record work tonight.
Cook worked all day.

Cook advised me of getting
two small garter snakes and
a Calif. racer near Powsy.

Mrs. Leslie worked 4 days
this week, and got well
started, considering the
novelty.

SATURDAY, JUNE 16, 1934

167th
Day

198 Days
to come

Went over to the Zoo this morning and talked to Cy. Jr. He said the weather was rather unfavorable on both Clauin and Socorro. The saw 10 snakes on Clauin and got 9. They were mostly in the ice plant bordering the beach. The lizards were not over plentiful maybe on account of the weather. The brush is very dense on Socorro which makes hunting (except on the lava ridges) very difficult. Lizards seemed most plentiful on West San Benito.

Cook worked all day.

SUNDAY, JUNE 17, 1934

168th
Day

Bunker Hill Day—(Boston)

197 Days
to come

Made up a list of San Diego County
Oregonus with dates and lengths
for the growth curve.

Made up a list of locality records
for Mitchellii and Stephensii.

Brought the field trip book down
to date.

Today Philip finished counting
the South Dakota series. This entire
lot is now completely counted. This
is the largest series fully counted
as the Platteville series never was
fully counted although it is
being worked on now.

Cook worked all day.

MONDAY, JUNE 18, 1934

169th
Day

196 Days
to come

Cook worked all day today
left for San Francisco on the
afternoon train.

TUESDAY, JUNE 19, 1934

170th
Day

195 Days
to come

Busy all day on rate case
in San Francisco.

Cook wants to work all day
today

WEDNESDAY, JUNE 20, 1934

171st
Day

194 Days
to come

Attended the meeting of the Western Division of the American Society of Ichthyologists and Herpetologists in Berkeley all day. Heard a number of interesting papers, especially one by Bollin on species differentiation. Took lunch with Prof. Grinnell. Met V. M. Tanner, Sivilala and a number of other herpetologists for the first time.

Started south at 5⁰⁰ arriving at Bakersfield at 11⁵⁰. Saw only one dead snake and didn't stop for this. A cool evening.

THURSDAY, JUNE 21, 1934

172nd
Day

193 Days
to come

Started from Bakersfield at 7³⁰
arriving in Los Angeles at 9³⁰.
One live snake seen at the foot
of the Grapevine. Probably a gopher;
didn't stop.

Started from Los Angeles at
5¹⁵ arriving at 5⁴⁰. As I was
not in the front seat the trip is
not to be counted.

FRIDAY, JUNE 22, 1934

173rd
Day

First Day of Summer
Longest Day of Year

192 Days
to come

Recd today a large gopher from
Fletcher Hills from Cannon.

Milked 9 rattlers from near
Coarse Gold, Madera Co.

Cook worked half day.

SATURDAY, JUNE 23, 1934

174th
Day

191 Days
to come

This morning at 10 went to the NCAA track meet in Los Angeles. A cool foggy morning; had to use the windshield wiper. Nothing seen 53 miles in the county.

Stopped for a few moments in Laguna Beach to see Artisan.

1 Gyphex M DOR Hynes LACo

Returned at 8 PM.

Cook worked all day pickling 9 rattlers from Coarse Gold and counting Plattevilles

SUNDAY, JUNE 24, 1934

175th
Day

St. John Baptist (Nativity)

190 Days
to come

Spent the day on miscellaneous statistical work on which fair progress was made. Talked to Cook about the proposed Arizona trip.

Mrs. Leslie worked 3 days this week

MONDAY, JUNE 25, 1934

176th
Day

189 Days
to come

Some miscellaneous tabulating
tonight.

TUESDAY, JUNE 26, 1934

177th
Day

188 Days
to come

Sick today; little done tonight.

WEDNESDAY, JUNE 27, 1934

178th
Day

187 Days
to come

Movie and some tabulating
tonight.

THURSDAY, JUNE 28, 1934

179th
Day

186 Days
to come

This evening; showed the collection to Prof. Victor E. Jones of University of Idaho
Worked on tabulation tonight looking for errors in the labial correlation set up. Not much luck.

FRIDAY, JUNE 29, 1934

180th
Day

St. Peter

185 Days
to come

Worked on labial correlations
tonight.

SATURDAY, JUNE 30, 1934

181st
Day

St. Paul

184 Days
to come

Spent considerable time at the zoo and natural history museum this morning getting various matters straightened out.

Cook started to work again today.

Elmer Wood reported he found at 6³⁰ P.M. in Mahogany Canyon a Calif. King snake 34" long half swallowed by a Boyles King 40" long. The Cal. King was about dead.

Cook and Philip worked nearly all day and made considerable headway with the Platteville counts.

I spent the afternoon on the labial correlation. Milked the rattlers in the evening.

Thus far of the last Lewis shipment I have had 26 lucasensis, 1 enyo and 5 mitch. 1 lucasensis has been lost (spoiled).

Noted a 350 mm. DOR Tantilla from Mission Valley, brot. in by Elmer Wood.

SUNDAY, JULY 1, 1934

182nd
Day

183 Days
to come

Worked all day on the
labial correlation.

Cook worked today and
Philip part day; some counting,
some pickling.

MONDAY, JULY 2, 1934

183rd
Day

Visitation B. V. M.

182 Days
to come

Cook worked all day today,
and Philip part day.

Talked to the reptile club tonight
on breeding reptiles in captivity.
Also showed rattler slides.

TUESDAY, JULY 3, 1934

184th
Day

181 Days
to come

Too tired to work tonight.

Cook worked all day.

WEDNESDAY, JULY 4, 1934

185th
Day

Independence Day
Calvin Coolidge—Born 1872

180 Days
to come

Went over to the Zoo and Natural History Museum in the morning. Got 6 more lucasensis + 3 mitch + 1 mitch dead. Total to date 32 lucasensis, 9 mitch, 3 enyo. 1 lucasensis lost

Spent most of the day indexing the operating handbook.

Cook worked all day.

THURSDAY, JULY 5, 1934

186th
Day

179 Days
to come

Out to dinner tonight.
Cook and Philip Worked all day.

FRIDAY, JULY 6, 1934

187th
Day

178 Days
to come

Cook and Philip worked all day. As of this date every rattler in the collection has been counted; for the first time in three years this is true, as it was not originally intended to count the Platteville fall 1931 series.

A small spotted night snake ate a small *X. henshawi* in captivity.

Color notes on two racers, alive.

M. lineatus from Maria Madre Island. Medium brown above. Each scale is edged with black, with a black spot at each end thus making a net. The head is uniform brown. The light lines on the sides are only slightly evident. Straw below; no pink. These colors should not change in captivity.

M. anthonyi. Russet above. Pink and gray below anteriorly; clear pink posteriorly. The russet effect above is really mixed pink and gray. A net work of light scale edges on the sides gives the effect of light horizontal lines. The pink color which is very evident will change to brown in pickle. The head is russet. These two species photographed.

SATURDAY, JULY 7, 1934

188th
Day

177 Days
to come

Worked all day on the rate case.
Received the proof of the San Diego -
Imperial Co paper.

SUNDAY, JULY 8, 1934

189th
Day

176 Days
to come

Young Cy Perkins got 4 garters
and a California King at camp
Mauston, Pine Hills.

MONDAY, JULY 9, 1934

190th
Day

175 Days
to come

Rate case hearings started again this afternoon.

Recd today a ~~cat~~ Boyles King from San Vicente Park and a gopher large from Ramona; the latter from Aylmer Keith.

Van Hyman called up today.

TUESDAY, JULY 10, 1934

191st
Day

174 Days
to come

Rate case all day

WEDNESDAY, JULY 11, 1934

192nd
Day

173 Days
to come

Rate case all day.

THURSDAY, JULY 12, 1934

193rd
Day

Orangemen's Day

172 Days
to come

Rate case all day.

Locality Records from Bogert.
The Windmill near Morongo Valley

C. mitchellii

Junction Deep Creek & Little Mohave
(S. of Hesperia)

Bufo californicus

Hyla regilla.

Hyla arenicolor

Rana boylei muscosa

B. b. halophilus

FRIDAY, JULY 13, 1934

194th
Day

171 Days
to come

Rate case all day.

(July 14th, Cont)

of blood. They reached the next house got help and were taken to Tacumna, the ranch being in McCain valley. He thought the pain was worst about 4 hrs after he was bitten. He was given one tube of antivenin at Tacumna and two more tubes somewhat later as it was brought out from San Diego by deputy sheriffs leaving at 10¹⁵. The subsequent treatment is not known. He was still quite sick last night but is much better today. The pain is mostly in the leg, little above the knee. Some difficulty in breathing and pressure last night. Headache this morning. Numbness on one side of the face yesterday and especially around the lips. Some swelling in the arm pit-

SATURDAY, JULY 14, 1934

195th
Day

170 Days
to come

At the Zoo this morning saw Prof. and Mrs. Wright of Cornell and talked with them on many subjects.

In the afternoon saw Pat Hutchinson who was bitten by a rattler Thursday night at 7³⁰. He had gone out of his cabin to get a gun left leaning against a tree. Had removed his boots. He did not see the rattler which struck him as it was dark. He probably stepped on the snake but was not sure. It rattled after striking him but not before. Bit him in the ankle. The pain was intense immediately. He cut the wound and put in permanganate. Also tied a string tourniquet above the bite. Washed it out with distilled water. The woman did not suck the wound as she ~~he~~ had a bad tooth. They started for help walking about 3 miles in the dark to the nearest house. They were out of gasoline for their own car. He fell many times. Took a pint of whiskey enroute. Was in great pain and very weak but this may have been from loss
(Cont July 13)

SUNDAY, JULY 15, 1934

196th
Day

St. Swithen

169 Days
to come

Spent the entire day with Prof. A.H. Wright and Mrs. Wright. They came at 9³⁰ and stayed until 5³⁰. Discussed all kinds of herpetology - specimens, books, photos and research. A fine time was had by all. They left a few specimens to be checked. Saw Elaphe subocularis. Van Hyman also called in the afternoon.

MONDAY, JULY 16, 1934

197th
Day

Our Lady of Mt. Carmel

168 Days
to come

Tried out tonight - no work

TUESDAY, JULY 17, 1934

198th
Day

167 Days
to come

Said goodbye to the Wrights
at noon today.

Out to dinner tonight.

El Cajon Rotary Club this
noon. Talked on inventors.

WEDNESDAY, JULY 18, 1934

199th
Day

166 Days
to come

Strung tags tonight

THURSDAY, JULY 19, 1934

200th
Day

St. Vincent de Paul

165 Days
to come

Movie tonight.

FRIDAY, JULY 20, 1934

201st
Day

164 Days
to come

little work tonight.

Cy Perkins got the following at
Dry Lake:

✓ Red Racers

1 *C. f. tessellatus*

7 *P. m'callii*

1 Gecko

1 Leaf nose

1 Gopher (from the garage man).

SATURDAY, JULY 21, 1934

202nd
Day

163 Days
to come

Cleaned up all kinds of work today. Cook worked in the afternoon. As of this date all specimens are preserved and all rattlers counted.

SUNDAY, JULY 22, 1934

203rd
Day

St. Mary Magdalen

162 Days
to come

Worked all day on the Phyllorhynchus
paper and made good progress.

MONDAY, JULY 23, 1934

204th
Day

161 Days
to come

Made progress tonight on
Phyllorhynchus.

Robertson Clark started work
at the Natural History Museum
today

TUESDAY, JULY 24, 1934

205th
Day

Pioneer's Day—(Utah)

160 Days
to come

Worked up the bibliography of
the Phyllorhynchus paper tonight.

Recd the second proof of the
Annotated list of S.D. Imp. Co.

WEDNESDAY, JULY 25, 1934

206th
Day

159 Days
to come

St. James
July 26 -

Left for San Francisco in the
afternoon train.

THURSDAY, JULY 26, 1934

207th
Day

July 27^{St. Anne}

158 Days
to come

Worked in San Francisco all
day

FRIDAY, JULY 27, 1934

208th
Day

157 Days
to come

July 28 -

Returned from San Francisco
at noon.

Worked all afternoon.

SATURDAY, JULY 28, 1934

209th
Day

Beginning of World War—1914

156 Days
to come

See previous page.

SUNDAY, JULY 29, 1934

210th
Day

155 Days
to come

Recd for examination from
Moser 1 *Phyllorhynchus*,
✓ *Leptotyphlops* and 2 *Chilomeniscus*
presumably from Vizcaino desert.

Spent the day working over
the *Phyllorhynchus* paper, which
is now finished, including the
mapping.

Chapman Grant called
tonight.

MONDAY, JULY 30, 1934

211th
Day

154 Days
to come

Left on a hurried trip to San Francisco
this afternoon at 4 o'clock with
Williams. Caught the Lark at Glendale.
Nothing seen.

TUESDAY, JULY 31, 1934

212th
Day

St. Ignatus, Loyola

153 Days
to come

In San Francisco on business.
Saw Alvin for a few moments
at 4 P.M. and got some scale
counts from him. Left for
San Diego in the sunset.

Recd the following localities from
Moser

L. humilis

San Angel (18 mi. NW of San Ignacio)

C. cinctus

San Angel, Socorro, San Ignacio

C. cinctus

San Angel, Miller's Landing

C. t. tessellatus

San Angel

C. ruber

San Angel

C. c. oregonus

Socorro

WEDNESDAY, AUGUST 1, 1934

213th
Day

152 Days
to come

Drove down from Glendale
this morning.

1 Red Racer & 1 DOR Fallbrook Inct.
Grass.

Cook called this evening. Is
now on SERA

Stopped for a few moments at
Aitran Perkins' place in Laguna
Beach. Met Dr. Loye Miller.

They had a number of interesting
specimens but I had no time to
check many.

C. mitchellii & C. rules from
Whitewater.

C. molossus from Montosa Canyon
8 or 9 mi. E. of Amado.

C. lyrophanes from Hassayampa
River 12 mi. S. of Wickenburg. Anal
is divided.

M. piceus from 15 mi. E. of
Florence, Ariz.

A. pulchra from Ribbonwood on
the Palms to Pine's grade.

THURSDAY, AUGUST 2, 1934

214th
Day

151 Days
to come

Rate Case

Cool on SEPA work today;
this the first day.

FRIDAY, AUGUST 3, 1934

215th
Day

150 Days
to come

Rate Case

Cook on SE RA work today!

SATURDAY, AUGUST 4, 1934

216th
Day

149 Days
to come

Catching up on miscellaneous
odds and ends after a
thorough rate case week

Work on S E R A work today

SUNDAY, AUGUST 5, 1934

217th
Day

148 Days
to come

Worked today on the correlation
of the labials of the Platteville
series and other miscellaneous
items.

Cook worked today.

MONDAY, AUGUST 6, 1934

218th
Day

Transfiguration

147 Days
to come

Meeting of the reptile club
tonight.

Chilomeniscus frequently lies
in the sand with only the nose out.

TUESDAY, AUGUST 7, 1934

219th
Day

146 Days
to come

Chapman Grant called tonight.
Discussed various projects.

WEDNESDAY, AUGUST 8, 1934

220th
Day

145 Days
to come

Cook outfitting for his trip
to the Catalina Mts. tonight.

THURSDAY, AUGUST 9, 1934

221st
Day

144 Days
to come

Cook started for the Catalinas
this morning.

FRIDAY, AUGUST 10, 1934

222nd
Day

Herbert Hoover—Born 1874

143 Days
to come

Recd today from Benedict
a medium garter taken in
Santa Fe Ranch.

Worked tonight on the labial
correlation of the Platteville
Penis

Mrs Leslie finished the tabulating
of the scale counts this week;
will now begin calculating the
averages

SATURDAY, AUGUST 11, 1934

223rd
Day

142 Days
to come

Finished the Platteville Series
correlation of labials. Also other
miscellaneous catching up.

SUNDAY, AUGUST 12, 1934

224th
Day

141 Days
to come

Ventral - dorsal correlations.
Borrowed 2 *Phyllorhynchus* from
David Regnier today and counted
them.

MONDAY, AUGUST 13, 1934

225th
Day

140 Days
to come

Recd today from Cannon
a small cal King from Fletcher
Hills.

Started for Los Angeles today
at 3:15 with gg Shorty and Holloway.
Arrived at 6:30. Nothing seen. gg
& Shorty left for Chicago at 8:15

TUESDAY, AUGUST 14, 1934

226th
Day

139 Days
to come

Drove down from Los Angeles
with Holloway this afternoon.
Nothing seen.

WEDNESDAY, AUGUST 15, 1934

227th
Day

Panama Canal Opened 1914
Assumption B. V. M.

138 Days
to come

Again reading proof on S.D. —
Imperial paper tonight.

THURSDAY, AUGUST 16, 1934

228th
Day

Bennington Battle Day—(Vermont)

137 Days
to come

Left for San Francisco with
Kulver at 4³⁰

FRIDAY, AUGUST 17, 1934

229th
Day

136 Days
to come

In San Francisco all day.

SATURDAY, AUGUST 18, 1934

230th
Day

135 Days
to come

Returned from San Francisco
on the noon train. Spent the
afternoon at the office.

SUNDAY, AUGUST 19, 1934

231st
Day

134 Days
to come

Spent the entire day and evening
working on the literature of
mittchellii, pyrrhus and stephensi
And made good practice.

MONDAY, AUGUST 20, 1934

232nd
Day

133 Days
to come

Some statistical work tonight

TUESDAY, AUGUST 21, 1934

233rd
Day

132 Days
to come

Out tonight

WEDNESDAY, AUGUST 22, 1934

234th
Day

131 Days
to come

Out tonight

THURSDAY, AUGUST 23, 1934

235th
Day

130 Days
to come

Out to dinner tonight

FRIDAY, AUGUST 24, 1934

236th
Day

St. Bartholomew

129 Days
to come

C. ~~ignis~~ localities from ON Arrington
El Cokos, 40 mi S. of Sasabe, Sonora
Sentinel Peak, near Tucson.

C. cerastes

Marana nw of Tucson

C. lepidus

Dragoon, Ariz.

Did some scale counting
tonight.

SATURDAY, AUGUST 25, 1934

237th
Day

128 Days
to come

Total	Lucas 74	Mitch 20	Inyo 6
Accrued to date	<u>40</u>	<u>11</u>	<u>4</u>
Balance	34	9	2

State of Lewis last collection of rattlers.

Spent the day on miscellaneous work: some on *Phyllorhynchus* some on rattlers. Pickled quite a few snakes.

SUNDAY, AUGUST 26, 1934

238th
Day

127 Days
to come

Worked all day on the
Phyllorhynchus paper, revising
it on the basis of a new subspecies.
Made considerable progress but it
is rather slow work.

MONDAY, AUGUST 27, 1934

239th
Day

126 Days
to come

Nothing done tonight; too
tired.

TUESDAY, AUGUST 28, 1934

240th
Day

St. Augustine

125 Days
to come

Cook returned from Arizona today with a fair lot of material.

Localities secured by Cook; he either saw the specimen or a photograph.

Trimorphodon

Tucson ('A' mt).

Cerastes

12 mi. N. of Tucson

Casa Grande

Sacaton (on Gila River)

Willardi

Huachuclas

20 mi. S. of Nogales, Sonora

Florita Canyon, Santa Rita Mts

Tigris

Florita Canyon, Santa Rita Mts

Catalina Mts 7-8 mi from Tucson

S. side of mt.

Mission Pool, near Tucson

Old Parker Ranch, 35 mi. S. of Tucson

Superior

Lepidus

Magdalena, N.M.

Greaserill E., E. side of Santa Ritas

Santa Ritas (near top)

Silver City, New Mexico.

WEDNESDAY, AUGUST 29, 1934

241st
Day

124 Days
to come

Cooke worked today tagging
and preserving specimens.

Went to La Jolla today and talked
on various statistical problems to Dr.
McEwen. 30 miles. Nothing seen.

Continued from Aug 28th

Pricei Head of Florida Canyon, Santa Rita
Scute Greaterville, E. Side Santa Rita
Molossus Whetstone
Oreganus Kellogg Peak, Catalinas
Mt. Graham, Graham Mts.

THURSDAY, AUGUST 30, 1934

242nd
Day

123 Days
to come

Went to Lakeview via highway;
back by Mission Gorge. 30 miles.
Nothing seen.

Cook was bitten by a Gila Monster
Monday. He put it in a sack and
then took hold of one corner to twist
it and tie a knot in the mouth. The
gila bit instantly through the wall
of the sack. Got his thumb and
chewed. Felt the pain instantly.
Put on a tourniquet and bled it. Had
considerable pain, but little or no
systemic effect. Hand continued to
swell. Little swelling of the arm.
Was given 10 cc of antivenin 48
hrs after the bite. The swelling then
went down but impossible to say
whether it would have done so without
the antivenin.

FRIDAY, AUGUST 31, 1934

243rd
Day

122 Days
to come

Started for the desert this afternoon at 3⁵⁰. Went as far as the Kane Springs Junction. A hot, still dark night in the desert but no luck. Not a snake seen, alive or dead. Returned at 11³⁰. Total miles 204. Miles in San Diego County 182. Miles to be counted 104.

Aura Coleonyx at 6⁵⁰ 3 mi E. of the narrows. It was then dusk. Got 2 others one just as we crossed the County line, the other 5 miles east of the line.

SATURDAY, SEPTEMBER 1, 1934

244th
Day

121 Days
to come

Worked all day and late into the night on *Phyllophrynchus* and made good progress on a complete revision. This is a much more difficult problem than I first anticipated.

Cook worked today on S.E.R.A.

SUNDAY, SEPTEMBER 2, 1934

245th
Day

120 Days
to come

Worked all day on the
mittchellii problem and for the
first time made some real progress.
Worked late into the night.

MONDAY, SEPTEMBER 3, 1934

246th
Day

Labor Day

119 Days
to come

Worked all day on the mittchellii paper. Made some progress on descriptions and ranges.

In the evening, went to the meeting of the Reptile Club. Cook talked on his recent trip to the Catalina Mts. and the gila monster bite.

Talked to the boy at the Fallbrook CCC camp who killed a ruler supposed to be 6' long. He is 6' himself. Claims he held the end of the tail with the top of his head, and the snake's head touched the ground.

TUESDAY, SEPTEMBER 4, 1934

247th
Day

118 Days
to come

Too tired to work tonight. Dog
lost and found.

WEDNESDAY, SEPTEMBER 5, 1934

248th
Day

117 Days
to come

Accounts to night

THURSDAY, SEPTEMBER 6, 1934

249th
Day

Battle of the Marne, 1914

116 Days
to come

Getting ready to start for Chicago;
trip finally settled this evening.

FRIDAY, SEPTEMBER 7, 1934

250th
Day

115 Days
to come

Received several good reptiles
from Schlanze via Perkins tonight.
All from Andrade.

Started for Chicago and East
on the Chief at 8 P.M. There was
a washout at San Onofre which
necessitated a bus detour to
San Clemente. Backed up to Capistrano;
then slow with locomotive backing
to Santa Ana. Then by Ford with
Agent Lindsay to Pomona where the
Chief was flagged at 1⁰⁵ AM. Saw
some large sea turtles transferred
(on their backs) at San Onofre.

SATURDAY, SEPTEMBER 8, 1934

251st
Day

Nativity B. V. M.

114 Days
to come

Warm in Arizona enroute. Checked
Crotonus types and other work
scheduled to be done in the east.

SUNDAY, SEPTEMBER 9, 1934

252nd
Day

113 Days
to come

Cool and cloudy enroute in Colorado and Kansas. Much rain. Worked a little on the rattlesnake paper.

(Sept. 12 Continued)

copy the rattlesnake locality data when the catalog got back, I to furnish the list of specimens' by number. This he thought could be done. He didn't know when the catalogue would be back. He thought other specimens could be forwarded also.

Walked to the station with Fowler and caught the 5¹⁰ EST (Philadelphia is on daylight saving) for Washington. where I arrived at about 7³⁰. Cooler this afternoon.

MONDAY, SEPTEMBER 10, 1934

253rd
Day

Jewish New Year

112 Days
to come

Arrived in Chicago at 8⁴⁰ CST.
Sunny and cool. Business at the
office all morning. Left at 2⁰⁵ P.M.
for Philadelphia.

(Sept 11 Continued)

was time later. Found much of great
interest. The collection is larger and
in better condition than I had expected
based on previous reports; at least
every specimen is tagged with a
number. Of course the extent of
the locality data available cannot
be ascertained without the catalogue.

Fowler said the Gloyds had
been there last week. Found Gloyds
notes on one or two specimens.

Called up Dunn in the evening
but couldn't reach him; also Mom
in N.Y. but she had left for
Quebec.

Spent the evening writing
letters and organizing for the work
of the morrow.

A warm, sultry night; couldn't
sleep well.

TUESDAY, SEPTEMBER 11, 1934

254th
Day

Jewish New Year

111 Days
to come

Arrived at Philadelphia at 9⁰⁸ EST.
Not knowing 30th St was the only
stop, nearly got carried on. In order
not to lose any time went direct to the
Academy, sending my baggage on
to the hotel by taxi - a foolish thing
to do, but it turned out all right.
Found Fowler at the Academy and
went right to work as they were
expecting me. Stone was sick at
home. Worked through the noon hour
and up to 4³⁰ (the Academy closes at
5⁰⁰). The accommodations are not very
good but at least the basement was
cool and I was left entirely undisturbed.
Unfortunately the accession ledger was
at the binders so that nothing could be
told about the specimens unless they
happened to have locality tags attached
which most of them lacked. The rattlers
were all together at least such as
have been accessioned. I started
work by making a list of all rattlers
(except Disturians) examining each
specimen and got about half
through by quitting time. Set aside
what was to be counted if there
(Continued on Sept. 10)

Spent the day from 9 to 5 at the Philadelphia Academy, with no time off for lunch.

First talked with Fowler about the old days when Cope was alive, and heard many interesting yarns. Fowler had acted as a go between, between Cope and the Academy following some disagreement. He knew Cope well and often saw him at work in his home.

Then to work. Carefully checked the two Phyllorhynchus including the type of decurtatus; these were in good condition. Also checked two Lichanura types. Then finished up the listing of the rattlers. After this counted as many as possible (17). The work was rather slow because of the condition of the snakes. Stone came in for a few moments today.

Sent aside a few specimens to be sent to me as a loan, which Fowler promised to do, although he has little help and is primarily interested in fish. Also talked to Fowler about having one of the girls

(Continued in Sept. 9)

THURSDAY, SEPTEMBER 13, 1934

256th
Day

109 Days
to come

Went to work this morning at the USNM at 8⁵⁰. Found the specimens I had written about all laid out for me. Talked for a while with Miss Cochran, Myers, and Schmidt. Then worked all day, steady on Crotalus types. Also made notes from the accession catalogs and copied some of the first pages thus settling questions with reference to old specimens. Got a pass which permitted me to work until 10 P.M. but went back to the hotel for supper at 8⁵⁵ tired out. 17 specimens counted in full today. Rained most all day.

FRIDAY, SEPTEMBER 14, 1934

257th
Day

"Star Spangled Banner" Music Composed about 1770-1775
Words Composed Sept. 14, 1814

108 Days
to come

Up early today planning the day's work at the Museum. Laid out by numbers the points to investigate. Rained hard last night and ditto now. Got to the Museum at 8⁴⁵ taking sandwiches and fruit for lunch and supper; then worked until 9¹⁵ and quit all tired out.

Made good headway with mitchellii and also looked over a lot of types of other kinds of snakes.

Discussed publication difficulties with Miss Cochran and found the same situation to exist everywhere. Both the American and National Museums are 4 or 5 years behind.

Showed Miss Cochran the rattlesnake paper as completed to date.

SATURDAY, SEPTEMBER 15, 1934

258th
Day

107 Days
to come

Began work at the National Museum this morning at 8³⁰. Spent quite a lot of time copying rattlesnake entries out of the museum catalog for it is evident that if the specimens have been traded or lost there are no corresponding cards in the species file.

Then called on Dr. Stejneger and talked with him for about an hour. He was very cordial. He discussed the early days of the museum and the relations with Cope. Talked with Dr. A. K. Fisher about the Death Valley expedition.

Started on Cerastes.

Went out to lunch today particularly to get mail of which none had arrived to date.

Worked all afternoon on Cerastes and a few others and quit at 9⁵⁰.

cleaner called up at 10³⁵; will come to lunch tomorrow.

SUNDAY, SEPTEMBER 16, 1934

259th
Day

106 Days
to come

Went to work at the museum this morning at 8¹⁰; raining as usual.

First cleared up various items as to catalog cards etc. Then went to work on the types of Goldmani and rauis which took until 10³⁰. Then worked on molossus and basiliscus until 10⁵ when I had to quit to meet Gleaner and Rod for lunch. After lunch we went to the Zoo which we had some difficulty in locating. Went through the reptile house hurriedly, couldn't take much time as train time was imminent. It is well arranged but not as large as I had expected. They had a few interesting foreign snakes, not much in the way of rattlers — only atrox and adamanteus. 1 Shopworn King cobra. There was a large crowd present. Didn't try to see Mann; no time.

Caught the 4¹⁰ for Chicago. Raining again — many autos stalled by floods along the way.

MONDAY, SEPTEMBER 17, 1934

260th
Day

U. S. Constitution adopted 1787

105 Days
to come

Arrived in Chicago at 8³⁰; worked all day. Dinner with Williams at his hotel and then home to the Palmer House to write letters.

Tuesday, Sept. 18

Worked all day; went to a movie in the evening

TUESDAY, SEPTEMBER 18, 1934

261st
Day

104 Days
to come

Business all day.

Schmidt called in the evening.
We dined and talked until 11 P.M. Told
me of his Guatemala trip and other
projects. Showed him my rattle section
and Phylloxera paper. Explained
some of the statistical work I am doing.

(Above should be entry under
Wednesday)

WEDNESDAY, SEPTEMBER 19, 1934

262nd
Day

Day of Atonement

103 Days
to come

Worked all day at the office.
Supper at Arts Club with the hanes
and then saw the Ford Exhibit at the
Fair.

(Above should be entry under
Thursday)

See previous page.

(Sept. 23th Continued)

It weighs 13 lbs, but is not so very long; probably does not exceed 5 ft. He holds a pose when desired. While he rattles when handled, he does not offer to bite. She ties ribbons and hats on him. To me the most interesting specimens were her home raised atrox. These are California or Arizona stock - probably a mixture of the two; they have the usual creamy color (There was key contrast one very dark atrox from Texas, about the darkest I have ever seen). Of the first atrox brood there were 9 or 10 and 8 or 9 survivors today. They were born on the 17th of June, 1933. Of these 4 have complete strings 3-15^s and 1-14 (a female) and one is 15+1c. The rest have lost rattles. These are the finest complete strings I have ever seen.

There was a second brood born to the same parents; of these only 1 remains. They were born July 9, 1933. This one has 8c rattles.

For mites she uses soap and water, with good success, although not perfect.
(Continued on following page)

FRIDAY, SEPTEMBER 21, 1934

264th
Day

St. Matthew

101 Days
to come

At the office all day; went to a movie with Williams in the evening.

(Sept 23^d continued from Sept 20)

The snakes are put in sacks and then the sacks are put in soapy water over night. She is much troubled with other diseases.

Her experiments lead her to believe that Oreganus venom is much more neurotoxic than cerberus; however, as she described them there were too few to be conclusive. She finds Oreganus venom very powerful.

She seems to handle all the venomous snakes. I saw her handle puff-adders, Australian coral snakes, Australian black snakes, and tiger snakes. With King Cobras she uses more care but states that she has force fed, alone, both King cobras and mambas. The King Cobras (one 14 ft. long) look in every way more dangerous than the mambas. The cobras would be far too powerful to handle by force. The mambas are much lighter and slimmer.

Australian black snakes bite each
(Continued on next page)

At the office all day; went to "No More Ladies" with Will Edms in the evening.

(Continued from previous page)

Other, seemingly without effect.

Saw a very beautiful Central American Coral Snake; also a small *B. atrox*.

She has a number of Galapagos iguanas - one sea iguana doing well on apples, bananas etc. Australian pythons are plentiful. There are a number of boas and 3 regal pythons; one 22 ft.

There are many interesting Australian lizards including stinks of various kinds, water dragons (5 young) and 2 full-grown lizards. The water dragons hang around in a tree. There is some Spanish material. A beautiful green sceloporus. She tried small lizards in the large center cage but the large lizards ate them.

There is a large Yuma King snake raised from an egg from a specimen she got from Cook. It is very dark; the bands are hardly visible.

She hatches eggs by putting them in moistened leafmold, then covers with bark. Then warms with a light (with reflector)

(Continued on Sept 24)

Worked in the morning.

Went out to the Brookfield Zoo in the L at about 2 PM, arriving at about 3, and stayed in the Zoo until ^{6:30}, returning to the hotel at 8. Found the reptile house tremendously crowded so that it is very difficult to see anything on Sundays or holidays. Went in to see Mrs. Wiley who shortly came into her office. We talked snakes and their care for an hour or more and then went out and looked at reptiles. First looked at those to which access is had from the rear of the cages; then after the people had gone out we looked over the others particularly those in the aluminum cages.

Mrs. Wiley has much of the material which she brought down from Minneapolis, some of which she has had for many years. A two headed turtle is doing well; it has grown to be a large animal. The rattlers are not exceptional; she has a good pink tigris from near Tucson, a number of good horridus, a S.D.C. mitch and 2 muirs sent by Cook. One very large atrox from Texas is doing well; this she has had for a long time.
(Continued under Sept 20)

met Shorty at the train; also Marie. Then went back to work while Shorty went to the Art Exhibition.

In the afternoon went to the Field Museum; talked with Schmidt while Shorty looked over exhibits. Saw the taxidermy department. Also Schmidt's Guatemala salamanders; also the itinerary of his trip. Then to the Shedd aquarium; surprised at the size of some of the Eastern species of salamanders.

Dinner with Laura, Alice Miller and Shorty; then took Shorty to the train.

(Sept ~~23d~~ Cont from Sept 22)
about 10" above. Moist from time to time.

She has to do much forced feeding, but seems to be successful in this.

A green-headed snake from Central America was another handsome snake.

She has an alligator weighing over 200 lbs, raised from the egg.

TUESDAY, SEPTEMBER 25, 1934

268th
Day

97 Days
to come

Worked and packed in the morning;
left on the Chief at 11¹⁵ CST.
Worked all afternoon.

Caught a bad cold.

Tonight the air-cooling mechanism
stuck - nearly froze.

WEDNESDAY, SEPTEMBER 26, 1934

269th
Day

96 Days
to come

Enroute from Chicago to San Diego.
Worked all day. Surprised at the amount
of mountain territory north of Albuquer-
que. Don't believe I had seen this before
in the daytime.

Cold bad today.

THURSDAY, SEPTEMBER 27, 1934

270th
Day

95 Days
to come

Enroute from Chicago; worked
in the morning.

Arrived at San Bernardino at
11⁰ and drove to San Diego, arriving
at 5. Not in front seat so cant
count. In our car Cummins,
Williams, Arley and I; in Pecks,
Lane, Bull, and Fuhner. Ray Keenan
had the baggage in a light truck.
Stopped for a few moments at
Escondido sub.

Very busy catching up.

From Earl Sanders received the following localities and notes:

Scutellatus 15 mi NE of Mesa, Ariz;
(NW of Red Mountain or Red Rock).

Leptotyphlops humilis calvialis 12 mi.
E and 3 MI N of Mesa. Caught in
a black widow spider's web; was
struggling when removed. Tail had
been looped back and was
held by the strands of the web.

Diadophis regalis arizonae. Fish
Creek Canyon (SW of Roosevelt Dam)

Doc called this morning to
see about future plans; told him
no chance to talk until Sunday.

Recd today for examination a
package of skins from Arrington,
and of snakes from E.H. Taylor.

The new window seat card filing
case was at hand when I
returned yesterday.

SATURDAY, SEPTEMBER 29, 1934

272nd
Day

St. Michael and All Angels

93 Days
to come

Worked all morning and most of the afternoon; then went up to the Zoo and Nat. Hist. for the first time since my return. Talked of trip with Mrs. Benchley, Perkins, and Gander. Secured specimens and passage from Knowlton.

Saw a brood of horridus lately born at the zoo and still in good condition but have not shed yet.

Another timber rattler had 1 born prematurely and defective 9/11 another ditto 9/12. The mother died 9/17 with 3 well formed embryos all dead in the left oviduct; 1 egg and 1 deformed embryo in the right; therefore the total was 7.

Perkins told me of his trip 9/7. A high wind blowing; temperature about 88°F .

1 large Sidewinder	caught on 8 mi. E. of Narrows
1 " leafnose	" " $\frac{1}{2}$ mi W. of G. Line
1 med "	" " 4 mi E. of Narrows

SUNDAY, SEPTEMBER 30, 1934

273rd
Day

St. Jerome

92 Days
to come

Spent all day catching up. Did much cleaning up. Moved separates and other material into the new case. Prepared more work for Mrs. Leslie as I am told she completed the average combining on Friday last.

Dr. McKay called this afternoon for venom. gave him about 10g. of Lucasensis venom.

Cape San Lucas account to 22974

	<u>Lucas</u>	<u>Mitch</u>	<u>Emys</u>
	74	20	6
To date	50	13	7
	<u>24</u>	<u>7</u>	<u>-1 (last year)</u>

MONDAY, OCTOBER 1, 1934

274th
Day

Missouri Day

91 Days
to come

Tonight Chas. Sternberg talked
on dinosaur collecting at the
Reptile Club.

TUESDAY, OCTOBER 2, 1934

275th
Day

90 Days
to come

Rate case today.

WEDNESDAY, OCTOBER 3, 1934

276th
Day

St. Theresa, Little Flower

89 Days
to come

Rate case today.

THURSDAY, OCTOBER 4, 1934

277th
Day

St. Francis of Assisi

88 Days
to come

Rate case today.

Recent localities:

From Vorhies
Elaphe chlorosoma Ruby, Ariz.

From Bogert.

Trimorphodon vandenburghi Santa
Monica Mts, north of UCLA campus
Leptotyphlops humilis, Romerton, Ariz.

FRIDAY, OCTOBER 5, 1934

278th
Day

87 Days
to come

Rate case today.

SATURDAY, OCTOBER 6, 1934

279th
Day

86 Days
to come

Bogert and a friend called tonight for a few minutes when I was getting ready to go out for dinner. Told me he collected 20 X. henshawi, a boa, and a Coleonyx at the east end of Lake Hodges.

Checked the Arrington skins today, also the Taylor collection. Then miscellaneous work still catching up after the eastern trip.

SUNDAY, OCTOBER 7, 1934

280th
Day

85 Days
to come

Worked on many items all day
and caught up on miscellaneous
work

Cook came in today to prepare
for a 3 day trip.

MONDAY, OCTOBER 8, 1934

281st
Day

84 Days
to come

Rate case study for tomorrow

TUESDAY, OCTOBER 9, 1934

282nd
Day

83 Days
to come

Reite case today - working
tonight

WEDNESDAY, OCTOBER 10, 1934

283rd
Day

82 Days
to come

Rate case to day - working
tonight

THURSDAY, OCTOBER 11, 1934

284th
Day

81 Days
to come

Rate case today

FRIDAY, OCTOBER 12, 1934

285th
Day

Columbus Discovered America 1492

80 Days
to come

Rate case today.

Recd a statement from H. Ellison
Mitchell, re Adamanteus 5'6"
long giving birth to 18 young. (Entered)

Perkins went out tonight.

- 1 *A. elegans occidentalis* med.
2.8 mi E. of Narrows.
- 1 Small leaf nose 6.1 E. of Narrows.
- 1 Gecko - Bentons Canyon.

Got all of these; also 4 *McCallii*
from Dry Lake service station.

SATURDAY, OCTOBER 13, 1934

286th
Day

St. Edward

79 Days
to come

Worked with Cummins this
morning.

Miscellaneous odds and ends
in the afternoon.

SUNDAY, OCTOBER 14, 1934

287th
Day

78 Days
to come

Worked on note case practically
all day.

MONDAY, OCTOBER 15, 1934

288th
Day

St. Theresa

77 Days
to come

Working on the rate case.

TUESDAY, OCTOBER 16, 1934

289th
Day

76 Days
to come

Rate case

WEDNESDAY, OCTOBER 17, 1934

290th
Day

75 Days
to come

Rate case

THURSDAY, OCTOBER 18, 1934

291st
Day

St. Luke

74 Days
to come

Rate case

FRIDAY, OCTOBER 19, 1934

292nd
Day

73 Days
to come

Rate case.
Mom returned

SATURDAY, OCTOBER 20, 1934

293rd
Day

72 Days
to come

Miscellaneous work to catch up

SUNDAY, OCTOBER 21, 1934

294th
Day

71 Days
to come

Worked on the Phyllorhynchus
paper all day. Finally finished.
Tacked the borrowed specimens for
shipment and return.

La Jolla this afternoon; 5
miles nothing seen

MONDAY, OCTOBER 22, 1934

295th
Day

70 Days
to come

Went to Chula Vista to make up
Rotary; 15 miles — nothing seen.

TUESDAY, OCTOBER 23, 1934

296th
Day

69 Days
to come

This morning at 7 P.M.
started for Los Angeles, arriving
at 10 AM. A clear warm day.
Nothing seen. 54 miles in the
country.

Returned in the afternoon -
dark in the country.

Talked for an hour or so with
Aitran and Perkins. They gave
me a fine lot of preserved
rattles which had died in their
collection.

Aitran told me of digging
out & Badgers in Arizona which
had partly eaten a rattler he
had tracked to their den. He found
half the body and also remains
in the extremities.

Cook & Hoard worked today.

WEDNESDAY, OCTOBER 24, 1934

297th
Day

68 Days
to come

Cook + Hoard worked today

left for Los Angeles on the
late evening train.

THURSDAY, OCTOBER 25, 1934

298th
Day

67 Days
to come

Hot in Los Angeles today;
returned on the evening train.

FRIDAY, OCTOBER 26, 1934

299th
Day

66 Days
to come

Movie tonight

SATURDAY, OCTOBER 27, 1934

300th
Day

Theodore Roosevelt—Born 1858

65 Days
to come

Miscellaneous work to catch up today. Listened to the Stanford-USC game in the afternoon.

Measured a lot of terrificus rattles received from Amaral.

SUNDAY, OCTOBER 28, 1934

301st
Day

St. Simon and St. Jude

64 Days
to come

Started once more in earnest on the mittchellii paper. Didn't make very good progress today.

MONDAY, OCTOBER 29, 1934

302nd
Day

63 Days
to come

Went to Chula Vista Rotary
this noon. Nothing seen. 10 miles.
Read 4 small adamanteus
from H. E. Mitchell.

TUESDAY, OCTOBER 30, 1934

303rd
Day

62 Days
to come

Cook and Hoard worked today.
Went to El Cajon this noon. 30
miles - nothing seen.

WEDNESDAY, OCTOBER 31, 1934

304th
Day

Hallowe'en

61 Days
to come

Cook and Hoard worked
today; all rattlers are
now counted up to date.

THURSDAY, NOVEMBER 1, 1934

305th
Day

All Saints Day

60 Days
to come

Rate case all day and evening

FRIDAY, NOVEMBER 2, 1934

306th
Day

All Souls Day

59 Days
to come

Kate case ..

SATURDAY, NOVEMBER 3, 1934

307th
Day

58 Days
to come

Rate case all day and evening.

Hadsall of Fresno called this evening. Brought a number of preserved specimens some of which I can keep.

SUNDAY, NOVEMBER 4, 1934

308th
Day

57 Days
to come

Rate case all day

MONDAY, NOVEMBER 5, 1934

309th
Day

56 Days
to come

Recd from Ziegler a medium
Ring-neck, San Diego.

Talked to the reptile club about
my eastern trip.

Outfitted Norman Lawson for
his trip with Horton to La Paz and
the gulf. They leave Wednesday

TUESDAY, NOVEMBER 6, 1934

310th
Day

Election Day

55 Days
to come

Rate case

WEDNESDAY, NOVEMBER 7, 1934

311th
Day

54 Days
to come

Rote case - hearings started
today.

THURSDAY, NOVEMBER 8, 1934

312th
Day

53 Days
to come

Rate case hearings

FRIDAY, NOVEMBER 9, 1934

313th
Day

52 Days
to come

Release hearings.
Cook and Hoard worked today

SATURDAY, NOVEMBER 10, 1934

314th
Day

51 Days
to come

Cook and Hoard worked today
Catching my breath after
the rate case. Completely tired
out.

SUNDAY, NOVEMBER 11, 1934

315th
Day

World War Armistice Signed 1918

50 Days
to come

Rote case nearly all day.

MONDAY, NOVEMBER 12, 1934

316th
Day

49 Days
to come

Talked snakes at the Fellows
of the Nat. Hist. Soc. at La Jolla
tonight.

TUESDAY, NOVEMBER 13, 1934

317th
Day

48 Days
to come

El Cajon Rotary Club today. Warm
and clear. 30 miles. Nothing seen.

Cook and Hoard worked today

WEDNESDAY, NOVEMBER 14, 1934

318th
Day

47 Days
to come

Rate Case

Cook Otto and worked today

THURSDAY, NOVEMBER 15, 1934

319th
Day

46 Days
to come

Rute Case
lett called.
Hoard worked today

FRIDAY, NOVEMBER 16, 1934

320th
Day

45 Days
to come

Getting ready for San Francisco
trip.

SATURDAY, NOVEMBER 17, 1934

321st
Day

44 Days
to come

Started for San Francisco at 9⁵⁵. Arrived at Hammer Auto Camp N. of Modesto at 9¹⁵ P.M. 430.3 mi. Nothing seen. A cold cloudy day with squalls of rain making the going slow at times.

SUNDAY, NOVEMBER 18, 1934

322nd
Day

43 Days
to come

Drove across the San Mateo Bay Bridge then down to Palo Alto. In the afternoon drove out to Woodside in a heavy rain. Got 3 Triturus tossus crossing the road.

Then went on to San Francisco.

MONDAY, NOVEMBER 19, 1934

323rd
Day

42 Days
to come

Working in San Francisco.

TUESDAY, NOVEMBER 20, 1934

324th
Day

41 Days
to come

Working in San Francisco

WEDNESDAY, NOVEMBER 21, 1934

325th
Day

Presentation B. V. M.

40 Days
to come

Working in San Francisco

THURSDAY, NOVEMBER 22, 1934

326th
Day

39 Days
to come

Working in San Francisco
Attorneys' arguments in
rate case.

FRIDAY, NOVEMBER 23, 1934

327th
Day

38 Days
to come

Working in San Francisco
Attorneys' arguments in rate case

SATURDAY, NOVEMBER 24, 1934

328th
Day

37 Days
to come

Final arguments in ~~recess~~
UE-Stanford game in the
afternoon.

SUNDAY, NOVEMBER 25, 1934

329th
Day

36 Days
to come

Worked in the morning and part of the afternoon at the Calif Academy. Got some scale counts and similar material. Too cold to work all day.

List of Specimens Collected by T. Craig.
for localities. Collected in the Spring of 1927

Uta mearnsi Andreas Canyon
Callisaurus draconoides Randsburg
Uta stansburiana Hidden Springs Canyon.
Sceloporus o. biserialis Hall's grade n. Gibson
Batrachoseps do
Ensatina eschscholtzii do
Cnemidophorus t. tessellatus L.A. Playground
(Under stone in snow)

A. *Xantusia vigilis* bet Randsburg & Kramer
B. do Deep Creek 6 mi S.E. of Hesperis.

Checked these two

	A.	B.
Head W x D	6.2 x 4.2	6.7 x 4.7
Ratio	1.47	1.44
L. Pleated Section Head	9.3	9.3
L. 4 th Toe	5.0	5.4
Ratio	1.86	1.72
Scale Row reached by adpressed forelimb	12	12
ditto hind limb	13	12
Scale rows across	35	35

MONDAY, NOVEMBER 26, 1934

330th
Day

35 Days
to come

Working on brief in San
Francisco.

TUESDAY, NOVEMBER 27, 1934

331st
Day

34 Days
to come

Working on brief in San
Francisco.

WEDNESDAY, NOVEMBER 28, 1934

332nd
Day

33 Days
to come

Working on brief in S.F.

THURSDAY, NOVEMBER 29, 1934

333rd
Day

Thanksgiving Day

32 Days
to come

Working on brief in "F"

FRIDAY, NOVEMBER 30, 1934

334th
Day

St. Andrew

31 Days
to come

Working on brief in S.F.

SATURDAY, DECEMBER 1, 1934

335th
Day

30 Days
to come

Working on brief in SF

SUNDAY, DECEMBER 2, 1934

336th
Day

First Sunday of Advent

29 Days
to come

Working on brief w. F.

MONDAY, DECEMBER 3, 1934

337th
Day

St. Francis Xavier

28 Days
to come

Working on brief in SF

TUESDAY, DECEMBER 4, 1934

338th
Day

27 Days
to come

Finished brief in S.F.

WEDNESDAY, DECEMBER 5, 1934

339th
Day

26 Days
to come

Spent the day at MVZ. Went over
their new rattlers and packed them
for shipment. Lunched with Grinnell
Talked to Linsdale until 6 PM re
statistics.

THURSDAY, DECEMBER 6, 1934

340th
Day

25 Days
to come

Finished all miscellaneous
business at San Francisco.
Drove down to Palo Alto.

FRIDAY, DECEMBER 7, 1934

341st
Day

24 Days
to come

Started from Palo Alto at 9³⁰;
arrived at San Diego at 11³⁰. 526
miles. Nothing seen. Plenty rain
after leaving Los Angeles which
slowed us up. A good many toads
were seen on the road and hylas
were heard.

SATURDAY, DECEMBER 8, 1934

342nd
Day

Immaculate Conception

23 Days
to come

Spent the day and evening
catching up and reading.

Perkins told me today of
the finding of 9 mitches under
a rock near the Industrial
Camp at Palomar. They are all
of medium size and grayish in
color. Seems to prove that there
are small dens in this country.

SUNDAY, DECEMBER 9, 1934

343rd
Day

Second Sunday of Advent

22 Days
to come

Worked all day and evening on
miscellaneous work and
caught up fairly well.

MONDAY, DECEMBER 10, 1934

344th
Day

21 Days
to come

Movie tonight.

Today started Mrs. Leslie on the calculation of standard deviation and coefficient of variation of all the statistics hitherto compiled.

Checked some USNM Spec

El Cayon Rotary Club for lunch;
nothing seen. 30 miles a cold wet
day.

Records from David I Scott, Grant
County, New Mexico.

<u>Species</u>	<u>Alt</u>	<u>Locality</u>
<i>C. molossus</i>	nr. 7430	Head of Jaybird Canyon on Trout Creek.
"	nr. 7300	Nr. Pine Flats Camp ground
<i>C. lepidus</i>	nr. 7430	" (Ambulance Flats)
<i>T. o. vagrans</i>	6500	Alt. 5 mi. from Pinos Altos, via Cherry Creek Rd.
<i>T. marcianus</i>	7200	11 mi N. of Pinos Altos (via Cherry Cr. Rd and Meadow Cr. Rd.
<i>L. pyromelana</i>		little Cherry Creek (alt 4 miles N. of Pinos Altos
"	alt 7200	Along Cherry Cr. ($\frac{1}{2}$ mi. below Redstone) toward Silver City
<i>S. grahamiae</i>		Redstone (7200 ft) but might be a spec. lost from Silver City
<i>H. ochrohyndus</i>	5300	13 mi. from Glenwood (toward Silver City)
do		State Route 11

WEDNESDAY, DECEMBER 12, 1934

346th
Day

19 Days
to come

Went to Los Angeles on the
evening train tonight.

THURSDAY, DECEMBER 13, 1934

347th
Day

18 Days
to come

Took the daylight train from
Los Angeles to Fresno.

Cook and Hoard started work
again today.

FRIDAY, DECEMBER 14, 1934

348th
Day

17 Days
to come

Returned from Fresno to San
Diego this noon.

Cook and Hoard worked today?

SATURDAY, DECEMBER 15, 1934

349th
Day

16 Days
to come

Miscellaneous work all day; some
good catching up

SUNDAY, DECEMBER 16, 1934

350th
Day

Third Sunday of Advent

15 Days
to come

. Spent much of the day on the terrificus - basiliscus & molossus differences. Made some headway. But this is a hard problem.

MONDAY, DECEMBER 17, 1934

351st
Day

14 Days
to come

Cook and Hoard worked today.

TUESDAY, DECEMBER 18, 1934

352nd
Day

13 Days
to come

Cook and Hoard worked
today

Spent most of the evening
checking MVZ specimens and
finished the recent lot.

WEDNESDAY, DECEMBER 19, 1934

353rd
Day

12 Days
to come

Cook and Hoard worked all day

Went to La Mesa for Rotary lunch.
25 miles. Clear and warm. Nothing seen.

Went to Los Angeles with the Rabrus
late in the evening.

THURSDAY, DECEMBER 20, 1934

354th
Day

11 Days
to come

Cook and Hoard worked all day.
Returned from Los Angeles late this
evening.

FRIDAY, DECEMBER 21, 1934

355th
Day

St. Thomas the Apostle

10 Days
to come

Cook and Hoard worked all day

SATURDAY, DECEMBER 22, 1934

356th
Day

First Day of Winter
Shortest Day of Year

9 Days
to come

Miscellaneous work, but
not much done - too tired.

SUNDAY, DECEMBER 23, 1934

357th
Day

Fourth Sunday of Advent

8 Days
to come

Completed the field trip entries for 1934

MONDAY, DECEMBER 24, 1934

358th
Day

7 Days
to come

Cook and Hoard worked today

TUESDAY, DECEMBER 25, 1934

359th
Day

Christmas Day

6 Days
to come

Too tired to work today

WEDNESDAY, DECEMBER 26, 1934

360th
Day

St. Stephen

5 Days
to come

Cook and Hoard worked today

Dresden told me young
sidewinders ate meal-worms.

THURSDAY, DECEMBER 27, 1934

361st
Day

St. John Evangelist

4 Days
to come

Started to tear up magazines to
take out reptile articles.

FRIDAY, DECEMBER 28, 1934

362nd
Day

Holy Innocents

3 Days
to come

Still segregating magazines.

SATURDAY, DECEMBER 29, 1934

363rd
Day

St. Thomas of Canterbury

2 Days
to come

Worked on magazines in the morning and evening.

Earl Sanders spent the afternoon in the laboratory discussing miscellaneous reptile matters. He left a few specimens for study, to be returned later.

Noted particularly a *Coleonyx* from 12 mi. E. and 3 mi. N. of mesa which was as evenly striped as those from the coastal area of San Diego County.

SUNDAY, DECEMBER 30, 1934

364th
Day

1 Day
to come

Spent the morning finishing
with the stripping of periodicals.
In the afternoon cleared up in the
basement, placing the new chests &
drawers in service.

MONDAY, DECEMBER 31, 1934

365th
Day

St. Sylvester

all clear this evening.

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

JANUARY

Date

CASH

Rec'd

Paid

FEBRUARY

Date

CASH

Rec'd

Paid

MARCH

Date

CASH

Rec'd

Paid

APRIL

MAY

Date

CASH

Rec'd

Paid

JUNE

Date	CASH	Rec'd	Paid
------	------	-------	------

JULY

Date

CASH

Rec'd

Paid

Paid

SEPTEMBER

Date

CASH

Rec'd

Paid

OCTOBER

Date	CASH	Rec'd	Paid
.			

NOVEMBER

Date	CASH	Rec'd	Paid
------	------	-------	------

RECAPITULATION

	Rec'd	Paid
Cash on Hand Jan. 1		
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		
Total		
Balance to New Account		

Postage Rates

Subject to change; Consult Postmaster

AIR MAIL: 8c. for first oz.

13c. for each additional oz. or fraction.

FIRST CLASS: Written matter and matter sealed against inspection.

LETTERS.....3c. for each oz. or fraction.

POST CARDS (Private Mailing) 1c. each.

POSTAL CARDS (Government) 1c. each.

SECOND CLASS: Full copies of newspapers, magazines and periodicals. (May be sent Parcel Post if cheaper)

DOMESTIC..... 1c. for ea. 2 oz. or fraction.

FOREIGN.....1½c. " " " "

THIRD CLASS: Merchandise and printed matter weighing 8 oz. or less.

1½c. for each 2 oz. or fraction.

(Special rate of 1c. for each 2 oz. or fraction for printed books and catalogs of 24 pages or more.)

FOURTH CLASS: (Parcel Post) covers matter weighing over 8oz. (except 1st and 2nd class). Zone rates apply.

SPECIAL HANDLING provides a means for securing same fast transit and delivery on fourth class parcels as is accorded letter mail.

If ordinary postage stamps are used, packages must be endorsed: "SPECIAL HANDLING"

Additional Fee

2 lbs. or less10c.

over 2 lbs. and up to 10 lbs..... 15c.

over 10 lbs..... 20c.

SPECIAL DELIVERY

FIRST CLASS

Additional Fee

up to 2 lbs.....10c.

over 2 lbs. and up to 10 lbs..... 20c.

over 10 lbs..... 25c.

OTHER CLASSES (including special handling)

up to 2 lbs.....15c.

2 lbs. and up to 10 lbs..... 25c.

over 10 lbs..... 35c.

If ordinary postage stamps are used, package or letter must be endorsed: "SPECIAL DELIVERY"

REGISTRY MAIL, FIRST CLASS (Sealed)

Indemnity	Fee	Indemnity	Fee
Up to \$ 5....	15c.	\$300 — \$ 400....	60c.
\$ 5 — 25....	18c.	400 — 500....	70c.
25 — 50....	20c.	500 — 600....	80c.
50 — 75....	25c.	600 — 700....	85c.
75 — 100....	30c.	700 — 800....	90c.
100 — 200....	40c.	800 — 900....	95c.
200 — 300....	50c.	900 — 1000....	1.00

Articles not registered full value are surcharged at a special rate according to their value.

Postage Rates

Subject to change; Consult Postmaster

INSURANCE (3rd and 4th Class only)

Value	Fee	Value	Fee
Up to \$5.....	5c.	\$ 50 — \$100....	25c.
5 — 25.....	10c.	100 — 150.....	30c.
25 — 50.....	15c.	150 — 200.....	35c.

RETURN RECEIPTS: for Insured or Registered Mail

Domestic 3c. each. Foreign 5c. each.

COLLECT ON DELIVERY MAIL (Fee includes insurance)

Up to \$ 5.....	12c.	\$ 50 — \$100.....	32c.
5 — 25.....	17c.	100 — 150.....	40c.
25 — 50.....	22c.	150 — 200.....	45c.

SEALED PACKAGES

Third and fourth class matter may be closed against inspection when wrapper bears authorized printed indicia. If sealed without indicia, parcels are subject to first class rate.

SIZE OF PARCEL POST PACKAGES

Parcels must not exceed 100 inches in length and girth combined. For parcels measuring more than 84 inches but not more than 100 inches in length and girth combined, the minimum charge shall be the rate for a 10 pound parcel. The maximum weight limit is 70 pounds to all zones.

FEES FOR MONEY ORDERS

Under	\$2.50	6 cents
Exceeding	2.50 and not exceeding \$ 5.00.....	8	"
"	5.00 " " " 10.00.....	11	"
"	10.00 " " " 20.00.....	13	"
"	20.00 " " " 40.00.....	15	"
"	40.00 " " " 60.00.....	18	"
"	60.00 " " " 80.00.....	20	"
"	80.00 " " " 100.00.....	22	"

No money order issued for more than \$100

REFORWARDING

Letters, post cards and other first class mail may be re-forwarded without extra postage. Other matter requires a new prepayment of postage.

FOREIGN

Letter postage for all foreign countries in the following list is 3c. per oz.; Argentina, Bolivia, Brazil, Canada, Chile, Columbia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Haiti, Honduras, Mexico, Newfoundland, Nicaragua, Panama, Paraguay, Peru, Salvador, Spain and Colonies, Uruguay and Venezuela.

The letter rate to all foreign countries not in the above list is 5c. for the first oz. or fraction, and 3c. for each additional oz. or fraction. This includes the following: Bahamas, Barbados, Bermuda, British Guiana, British Honduras, Cayman Islands, Cook Islands, Europe, New Zealand, Tobago, Trinidad, and Windward Islands.

REGISTRY

For all foreign letters, 15c. in addition to postage. For rates on other classes of foreign mail, inquire at post office.

Counting-House Calender

1935

JAN.							FEB.							MAR.							APR.							MAY							JUNE						
Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.	Su.	Mo.	Tu.	We.	Th.	Fr.	Sa.							
6	7	8	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15								
20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22								
27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29								
34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67								
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19								
24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26								
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64								
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5								
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12								
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19								
24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26								
31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64								
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9								
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16								
21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30								
35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3								
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10								
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3								
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10								
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69								
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3								
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10								
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17								
22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24								
29	30	31	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31								
36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69								

